

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069702.D
 Acq On : 2 Dec 2021 18:29
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 03 07:48:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 07:46:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	1113521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1837681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1689076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	668493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	336660	20.085	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	40.180%#		
35) Dibromofluoromethane	8.024	113	230213	20.275	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	40.540%#		
50) Toluene-d8	10.443	98	908383	20.362	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	40.720%#		
62) 4-Bromofluorobenzene	12.731	95	304959	18.689	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	37.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	239502	19.507	ug/l	98
3) Chloromethane	2.303	50	276527	19.140	ug/l	98
4) Vinyl Chloride	2.445	62	259870	18.317	ug/l	100
5) Bromomethane	2.856	94	151202	16.689	ug/l	99
6) Chloroethane	3.019	64	157154	16.669	ug/l	93
7) Trichlorofluoromethane	3.373	101	343998	16.174	ug/l	99
8) Diethyl Ether	3.824	74	128838	18.016	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	189964	18.356	ug/l	95
10) Methyl Iodide	4.419	142	248353	18.731	ug/l	98
11) Tert butyl alcohol	5.388	59	268393	88.082	ug/l #	85
12) 1,1-Dichloroethene	4.175	96	181313	19.286	ug/l	89
13) Acrolein	4.044	56	258743	276.188	ug/l	99
14) Allyl chloride	4.843	41	388510	18.593	ug/l	94
15) Acrylonitrile	5.562	53	733368	94.090	ug/l	99
16) Acetone	4.291	43	947367	103.710	ug/l	96
17) Carbon Disulfide	4.527	76	435701	19.136	ug/l	98
18) Methyl Acetate	4.862	43	508800	17.415	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	695724	17.738	ug/l	98
20) Methylene Chloride	5.093	84	224283	17.596	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	192794	18.407	ug/l	86
22) Diisopropyl ether	6.501	45	795866	17.967	ug/l	97
23) Vinyl Acetate	6.436	43	3220054	92.885	ug/l	95
24) 1,1-Dichloroethane	6.388	63	406943	17.991	ug/l	98
25) 2-Butanone	7.340	43	1202881	97.178	ug/l	92
26) 2,2-Dichloropropane	7.324	77	305343	17.436	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	231240	17.914	ug/l	87
28) Bromochloromethane	7.662	49	248780	21.361	ug/l #	79
29) Tetrahydrofuran	7.689	42	740544	97.847	ug/l	89
30) Chloroform	7.820	83	415353	18.002	ug/l	100
31) Cyclohexane	8.096	56	409803	17.863	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	348523	18.027	ug/l	96
36) 1,1-Dichloropropene	8.222	75	301059	18.873	ug/l	96
37) Ethyl Acetate	7.418	43	448168	20.451	ug/l #	94
38) Carbon Tetrachloride	8.206	117	290371	18.813	ug/l	98
39) Methylcyclohexane	9.461	83	357228	18.164	ug/l	91
40) Benzene	8.461	78	920619	18.711	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069702.D
 Acq On : 2 Dec 2021 18:29
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 03 07:48:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 07:46:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	201325	17.793	ug/l	92
42) 1,2-Dichloroethane	8.531	62	374500	19.344	ug/l	95
43) Isopropyl Acetate	8.563	43	657043	18.913	ug/l #	93
44) Trichloroethene	9.217	130	219897	18.659	ug/l	93
45) 1,2-Dichloropropane	9.491	63	244052	18.610	ug/l	99
46) Dibromomethane	9.577	93	161110	18.367	ug/l	93
47) Bromodichloromethane	9.762	83	301912	18.443	ug/l	98
48) Methyl methacrylate	9.561	41	302231	18.639	ug/l	89
49) 1,4-Dioxane	9.571	88	108104	370.799	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	2209610	98.201	ug/l	95
52) Toluene	10.507	92	568036	18.644	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	306022	17.815	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	336968	17.976	ug/l #	86
55) 1,1,2-Trichloroethane	10.899	97	225482	18.388	ug/l	99
56) Ethyl methacrylate	10.762	69	369436	18.053	ug/l #	86
57) 1,3-Dichloropropane	11.047	76	397991	18.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	493712	101.684	ug/l	92
59) 2-Hexanone	11.087	43	1631258	97.138	ug/l	92
60) Dibromochloromethane	11.240	129	206627	17.922	ug/l	100
61) 1,2-Dibromoethane	11.347	107	229818	18.438	ug/l	100
64) Tetrachloroethene	10.979	164	201211	19.106	ug/l	95
65) Chlorobenzene	11.771	112	586873	18.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	209281	18.659	ug/l	100
67) Ethyl Benzene	11.846	91	1085217	18.222	ug/l	97
68) m/p-Xylenes	11.956	106	794390	36.409	ug/l	93
69) o-Xylene	12.283	106	395476	18.166	ug/l	93
70) Styrene	12.296	104	615251	17.584	ug/l	95
71) Bromoform	12.460	173	146275	18.113	ug/l #	99
73) Isopropylbenzene	12.581	105	1019112	18.627	ug/l	99
74) N-amyl acetate	12.390	43	423496	18.092	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	358146	19.316	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	322067m	18.619	ug/l	
77) Bromobenzene	12.862	156	232530	18.504	ug/l	78
78) n-propylbenzene	12.921	91	1127492	18.309	ug/l	96
79) 2-Chlorotoluene	13.010	91	707587	18.513	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	838328	18.935	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	78625	16.174	ug/l	86
82) 4-Chlorotoluene	13.106	91	661039	18.163	ug/l	93
83) tert-Butylbenzene	13.326	119	720544	18.583	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	795278	18.626	ug/l	97
85) sec-Butylbenzene	13.503	105	978011	18.116	ug/l	98
86) p-Isopropyltoluene	13.619	119	765819	17.918	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	385634	17.870	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	371208	17.570	ug/l	96
89) n-Butylbenzene	13.946	91	576698	16.260	ug/l	98
90) Hexachloroethane	14.214	117	125176	17.640	ug/l	88
91) 1,2-Dichlorobenzene	13.991	146	380590	18.497	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	61734	20.280	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	155561	17.255	ug/l	96
94) Hexachlorobutadiene	15.373	225	101350	18.901	ug/l	99
95) Naphthalene	15.507	128	409376	16.643	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	155029	17.817	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
Data File : VN069702.D
Acq On : 2 Dec 2021 18:29
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

Quant Time: Dec 03 07:48:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 07:46:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

