

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068814.D
 Acq On : 6 Oct 2021 12:51
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:34:17 PM

Quant Time: Oct 06 13:48:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 13:47:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	469293	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	833851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	783054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	346771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	120037	17.80	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	35.60%	#	
35) Dibromofluoromethane	8.024	113	92567	17.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	34.90%	#	
50) Toluene-d8	10.443	98	357158	18.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	36.36%	#	
62) 4-Bromofluorobenzene	12.733	95	116279	17.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	34.38%	#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	83175	16.45	ug/l	97
3) Chloromethane	2.303	50	89025	15.92	ug/l	99
4) Vinyl Chloride	2.445	62	164236	15.88	ug/l	96
5) Bromomethane	2.856	94	155448	18.13	ug/l	99
6) Chloroethane	3.019	64	147803	16.92	ug/l	98
7) Trichlorofluoromethane	3.376	101	152554	17.10	ug/l	99
8) Diethyl Ether	3.827	74	50560	17.98	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	85433	16.79	ug/l	94
10) Methyl Iodide	4.427	142	94768	21.15	ug/l	94
11) Tert butyl alcohol	5.366	59	84946	97.58	ug/l	95
12) 1,1-Dichloroethene	4.186	96	71571	16.44	ug/l	84
13) Acrolein	4.047	56	45003	209.08	ug/l	100
14) Allyl chloride	4.846	41	118258	17.44	ug/l	# 90
15) Acrylonitrile	5.554	53	219391	90.12	ug/l	98
16) Acetone	4.288	43	222390	29.25	ug/l	95
17) Carbon Disulfide	4.537	76	141554	14.63	ug/l	100
18) Methyl Acetate	4.856	43	141410	18.16	ug/l	# 77
19) Methyl tert-butyl Ether	5.615	73	311066	18.02	ug/l	97
20) Methylene Chloride	5.101	84	97090	17.22	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	81027	16.65	ug/l	85
22) Diisopropyl ether	6.495	45	295742	18.49	ug/l	# 90
23) Vinyl Acetate	6.436	43	1143358	90.68	ug/l	# 93
24) 1,1-Dichloroethane	6.388	63	174193	17.89	ug/l	99
25) 2-Butanone	7.335	43	323791	89.40	ug/l	95
26) 2,2-Dichloropropane	7.329	77	162350	17.72	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	108217	17.26	ug/l	87
28) Bromochloromethane	7.659	49	90054	19.87	ug/l	# 78
29) Tetrahydrofuran	7.683	42	191133	85.65	ug/l	# 87
30) Chloroform	7.820	83	203270	17.80	ug/l	97
31) Cyclohexane	8.094	56	139041	16.98	ug/l	89
32) 1,1,1-Trichloroethane	8.019	97	180943	17.82	ug/l	99
36) 1,1-Dichloropropene	8.225	75	125138	16.21	ug/l	96
37) Ethyl Acetate	7.412	43	127958	17.48	ug/l	98
38) Carbon Tetrachloride	8.209	117	152828	16.71	ug/l	97
39) Methylcyclohexane	9.461	83	137532	15.50	ug/l	92
40) Benzene	8.461	78	398427	16.94	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068814.D
 Acq On : 6 Oct 2021 12:51
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:34:17 PM

Quant Time: Oct 06 13:48:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 13:47:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	65974	18.89	ug/l #	92
42) 1,2-Dichloroethane	8.531	62	162778	17.63	ug/l	98
43) Isopropyl Acetate	8.560	43	228939	17.09	ug/l	96
44) Trichloroethene	9.217	130	104080	16.66	ug/l	86
45) 1,2-Dichloropropane	9.491	63	106173	17.46	ug/l	99
46) Dibromomethane	9.579	93	81330	17.45	ug/l	95
47) Bromodichloromethane	9.762	83	164805	17.57	ug/l	97
48) Methyl methacrylate	9.561	41	94190	16.74	ug/l #	79
49) 1,4-Dioxane	9.566	88	41862	445.66	ug/l	89
51) 4-Methyl-2-Pentanone	10.330	43	727393	89.59	ug/l	99
52) Toluene	10.507	92	267023	17.10	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	164217	17.41	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	172287	17.35	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	112789	16.89	ug/l	96
56) Ethyl methacrylate	10.762	69	157601	17.91	ug/l	93
57) 1,3-Dichloropropane	11.046	76	181430	17.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	162656	92.02	ug/l	90
59) 2-Hexanone	11.087	43	513859	91.69	ug/l	97
60) Dibromochloromethane	11.242	129	124189	17.69	ug/l	99
61) 1,2-Dibromoethane	11.347	107	114192	17.50	ug/l	100
64) Tetrachloroethene	10.979	164	91660	16.04	ug/l	96
65) Chlorobenzene	11.771	112	302242	17.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	118718	17.51	ug/l	98
67) Ethyl Benzene	11.846	91	534727	17.35	ug/l	96
68) m/p-Xylenes	11.953	106	407738	35.60	ug/l	87
69) o-Xylene	12.283	106	201592	17.76	ug/l	88
70) Styrene	12.296	104	329953	18.30	ug/l	92
71) Bromoform	12.460	173	84731	17.69	ug/l #	98
73) Isopropylbenzene	12.581	105	544379	17.68	ug/l	99
74) N-amyl acetate	12.390	43	181314	18.41	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	169307	17.95	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	123313m	16.06	ug/l	
77) Bromobenzene	12.862	156	122563	17.51	ug/l	74
78) n-propylbenzene	12.921	91	615907	17.73	ug/l	96
79) 2-Chlorotoluene	13.010	91	367333	18.17	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	450589	18.40	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	45867	17.54	ug/l	98
82) 4-Chlorotoluene	13.106	91	357831	17.68	ug/l	91
83) tert-Butylbenzene	13.326	119	395586	18.25	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	443957	18.53	ug/l	95
85) sec-Butylbenzene	13.503	105	566609	18.22	ug/l	97
86) p-Isopropyltoluene	13.618	119	449477	18.25	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	225133	17.34	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	228234	17.71	ug/l	96
89) n-Butylbenzene	13.946	91	368946	17.06	ug/l	97
90) Hexachloroethane	14.211	117	88487	17.56	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	224756	17.93	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	28676	17.83	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	92957	16.69	ug/l	98
94) Hexachlorobutadiene	15.370	225	55813	17.44	ug/l	98
95) Naphthalene	15.507	128	239144	17.57	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	90633	16.94	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
Data File : VN068814.D
Acq On : 6 Oct 2021 12:51
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
10/7/2021 5:34:17 PM

Quant Time: Oct 06 13:48:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 13:47:13 2021
Response via : Initial Calibration

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

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

