

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080274.D
 Acq On : 27 Nov 2023 14:49
 Operator : JC\MD
 Sample : VN1127WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Quant Time: Nov 28 02:08:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	223817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	315076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	180444	48.827	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.660%		
35) Dibromofluoromethane	8.171	113	127530	50.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.940%		
50) Toluene-d8	10.571	98	471805	51.797	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.600%		
62) 4-Bromofluorobenzene	12.853	95	173457	50.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61630	18.486	ug/l	98
3) Chloromethane	2.365	50	43269	17.262	ug/l	92
4) Vinyl Chloride	2.512	62	50454	19.021	ug/l	99
5) Bromomethane	2.959	94	32721	18.171	ug/l	88
6) Chloroethane	3.124	64	33423	19.292	ug/l	92
7) Trichlorofluoromethane	3.500	101	103677	18.736	ug/l	92
8) Diethyl Ether	3.965	74	28898	17.957	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	47728	18.871	ug/l	94
10) Methyl Iodide	4.595	142	50122	18.337	ug/l	91
11) Tert butyl alcohol	5.512	59	37776	92.953	ug/l	99
12) 1,1-Dichloroethene	4.342	96	43243	18.280	ug/l	89
13) Acrolein	4.177	56	30378	84.464	ug/l	95
14) Allyl chloride	5.018	41	52175	17.530	ug/l	94
15) Acrylonitrile	5.718	53	103600	94.960	ug/l	98
16) Acetone	4.430	43	95378	76.840	ug/l	97
17) Carbon Disulfide	4.712	76	112926	15.988	ug/l	99
18) Methyl Acetate	5.018	43	76853	19.270	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	166000	19.871	ug/l	96
20) Methylene Chloride	5.277	84	51373	19.764	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	48563	18.687	ug/l #	77
22) Diisopropyl ether	6.677	45	128206	19.470	ug/l	96
23) Vinyl Acetate	6.606	43	423660m	107.020	ug/l	
24) 1,1-Dichloroethane	6.571	63	89078	18.574	ug/l	98
25) 2-Butanone	7.488	43	124101	84.150	ug/l	98
26) 2,2-Dichloropropane	7.488	77	89548	18.820	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	56744	19.259	ug/l	87
28) Bromochloromethane	7.818	49	33837	17.946	ug/l	96
29) Tetrahydrofuran	7.841	42	73766	93.167	ug/l	96
30) Chloroform	7.965	83	107178	19.994	ug/l	93
31) Cyclohexane	8.253	56	67871	16.887	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	100174	19.162	ug/l	97
36) 1,1-Dichloropropene	8.371	75	70560	19.287	ug/l	96
37) Ethyl Acetate	7.565	43	48402	19.074	ug/l	98
38) Carbon Tetrachloride	8.365	117	93346	20.107	ug/l	97
39) Methylcyclohexane	9.600	83	65436	18.551	ug/l	93
40) Benzene	8.612	78	203135	19.537	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080274.D
 Acq On : 27 Nov 2023 14:49
 Operator : JC\MD
 Sample : VN1127WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Quant Time: Nov 28 02:08:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27538	19.761	ug/l	92
42) 1,2-Dichloroethane	8.677	62	89551	21.052	ug/l	95
43) Isopropyl Acetate	8.688	43	85942	17.404	ug/l	97
44) Trichloroethene	9.359	130	55238	20.253	ug/l	97
45) 1,2-Dichloropropane	9.624	63	47393	19.614	ug/l	97
46) Dibromomethane	9.706	93	38502	21.050	ug/l	90
47) Bromodichloromethane	9.888	83	86052	21.388	ug/l	97
48) Methyl methacrylate	9.682	41	51190	20.116	ug/l	90
49) 1,4-Dioxane	9.694	88	16606	392.248	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	256966	100.512	ug/l	99
52) Toluene	10.635	92	134863	20.726	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	84589	20.463	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	88111	20.863	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	52834	21.274	ug/l	96
56) Ethyl methacrylate	10.876	69	52930	20.862	ug/l	92
57) 1,3-Dichloropropane	11.165	76	89416	20.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	140188	98.078	ug/l	99
59) 2-Hexanone	11.200	43	190537	92.748	ug/l	96
60) Dibromochloromethane	11.365	129	64950	21.844	ug/l	99
61) 1,2-Dibromoethane	11.476	107	51743	20.422	ug/l	97
64) Tetrachloroethene	11.106	164	58620	24.379	ug/l	94
65) Chlorobenzene	11.894	112	139217	19.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	58151	20.989	ug/l	92
67) Ethyl Benzene	11.965	91	248585	19.567	ug/l	99
68) m/p-Xylenes	12.076	106	186930	40.356	ug/l	89
69) o-Xylene	12.400	106	89114	20.414	ug/l	85
70) Styrene	12.412	104	133325	20.520	ug/l	93
71) Bromoform	12.582	173	44148	21.487	ug/l #	97
73) Isopropylbenzene	12.700	105	235752	19.953	ug/l	99
74) N-amyl acetate	12.494	43	65193	17.693	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	65744	18.591	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	66047m	17.728	ug/l	
77) Bromobenzene	12.982	156	59185	19.868	ug/l	98
78) n-propylbenzene	13.041	91	262086	19.836	ug/l	99
79) 2-Chlorotoluene	13.129	91	173247	20.189	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	204143	19.848	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	19789	17.946	ug/l #	74
82) 4-Chlorotoluene	13.223	91	177152	20.151	ug/l	96
83) tert-Butylbenzene	13.441	119	158806	19.254	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	205665	20.307	ug/l	99
85) sec-Butylbenzene	13.617	105	207931	19.928	ug/l	99
86) p-Isopropyltoluene	13.729	119	186125	19.969	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	107303	19.993	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	104496	19.374	ug/l	96
89) n-Butylbenzene	14.059	91	148650	19.054	ug/l	98
90) Hexachloroethane	14.335	117	33214	18.279	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	102021	19.864	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15012	18.276	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	51167	17.129	ug/l	93
94) Hexachlorobutadiene	15.506	225	30743	17.884	ug/l	99
95) Naphthalene	15.647	128	141212	16.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	50882	18.173	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
Data File : VN080274.D
Acq On : 27 Nov 2023 14:49
Operator : JC\MD
Sample : VN1127WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 02:08:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

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

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

