

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071713.D
 Acq On : 31 Mar 2022 18:50
 Operator : JC\MD
 Sample : VN0331WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS03

Quant Time: Apr 01 01:39:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	600494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	932394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	823284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	300348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	334008	48.722	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.440%		
35) Dibromofluoromethane	8.022	113	274996	50.121	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.240%		
50) Toluene-d8	10.439	98	1123801	50.070	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.140%		
62) 4-Bromofluorobenzene	12.727	95	337411	46.483	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	84734	17.749	ug/l	99
3) Chloromethane	2.305	50	104741	17.314	ug/l	98
4) Vinyl Chloride	2.446	62	113903	17.145	ug/l	97
5) Bromomethane	2.857	94	76508	17.716	ug/l	98
6) Chloroethane	3.016	64	77805	16.280	ug/l	93
7) Trichlorofluoromethane	3.375	101	147419	17.442	ug/l	96
8) Diethyl Ether	3.828	74	66075	18.498	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.222	101	91376	17.543	ug/l	97
10) Methyl Iodide	4.422	142	124484	17.097	ug/l	99
11) Tert butyl alcohol	5.363	59	99937	89.830	ug/l	99
12) 1,1-Dichloroethene	4.193	96	86714	17.495	ug/l	93
13) Acrolein	4.040	56	104172	76.796	ug/l	97
14) Allyl chloride	4.846	41	139458	17.335	ug/l	97
15) Acrylonitrile	5.557	53	305891	94.595	ug/l	99
16) Acetone	4.287	43	242314	82.709	ug/l	100
17) Carbon Disulfide	4.534	76	179563	15.789	ug/l	97
18) Methyl Acetate	4.857	43	135987	17.768	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	335256	18.207	ug/l	94
20) Methylene Chloride	5.098	84	111342	18.031	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	92887	17.071	ug/l	99
22) Diisopropyl ether	6.492	45	327669	18.709	ug/l	98
23) Vinyl Acetate	6.434	43	1339203	96.158	ug/l	100
24) 1,1-Dichloroethane	6.393	63	189732	18.454	ug/l	99
25) 2-Butanone	7.334	43	382420	90.544	ug/l	100
26) 2,2-Dichloropropane	7.322	77	156999	17.776	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	119091	17.849	ug/l	98
28) Bromochloromethane	7.657	49	68166	16.436	ug/l	99
29) Tetrahydrofuran	7.687	42	260241	95.159	ug/l	99
30) Chloroform	7.816	83	195754	18.032	ug/l	100
31) Cyclohexane	8.092	56	159515	17.110	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	166238	17.899	ug/l	99
36) 1,1-Dichloropropene	8.222	75	135906	17.738	ug/l	98
37) Ethyl Acetate	7.410	43	162228	19.345	ug/l	98
38) Carbon Tetrachloride	8.210	117	136363	18.160	ug/l	97
39) Methylcyclohexane	9.457	83	162565	17.824	ug/l	96
40) Benzene	8.457	78	445874	18.422	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071713.D
 Acq On : 31 Mar 2022 18:50
 Operator : JC\MD
 Sample : VN0331WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS03

Quant Time: Apr 01 01:39:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.639	41	77021	18.757	ug/l	93
42) 1,2-Dichloroethane	8.528	62	154543	18.458	ug/l	99
43) Isopropyl Acetate	8.557	43	246188	17.650	ug/l	99
44) Trichloroethene	9.216	130	112339	18.016	ug/l	97
45) 1,2-Dichloropropane	9.486	63	112616	18.625	ug/l	99
46) Dibromomethane	9.575	93	76314	18.589	ug/l	98
47) Bromodichloromethane	9.757	83	154178	19.079	ug/l	98
48) Methyl methacrylate	9.557	41	106990	18.488	ug/l	94
49) 1,4-Dioxane	9.569	88	46910	332.461	ug/l	93
51) 4-Methyl-2-Pentanone	10.328	43	780375	97.307	ug/l	99
52) Toluene	10.504	92	284395	18.588	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	158680	18.735	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	177127	18.928	ug/l	97
55) 1,1,2-Trichloroethane	10.898	97	118510	18.821	ug/l	99
56) Ethyl methacrylate	10.757	69	172520	19.206	ug/l	97
57) 1,3-Dichloropropane	11.039	76	198265	18.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	163687	72.140	ug/l	99
59) 2-Hexanone	11.080	43	545114	96.543	ug/l	99
60) Dibromochloromethane	11.233	129	117743	19.177	ug/l	99
61) 1,2-Dibromoethane	11.345	107	116769	18.839	ug/l	98
64) Tetrachloroethene	10.975	164	98115	18.048	ug/l	97
65) Chlorobenzene	11.769	112	305681	18.543	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	113993	19.163	ug/l	99
67) Ethyl Benzene	11.845	91	515940	18.488	ug/l	99
68) m/p-Xylenes	11.951	106	394761	36.816	ug/l	100
69) o-Xylene	12.280	106	199207	18.717	ug/l	99
70) Styrene	12.292	104	303723	18.835	ug/l	99
71) Bromoform	12.457	173	86337	19.059	ug/l #	100
73) Isopropylbenzene	12.574	105	507297	20.044	ug/l	99
74) N-amyl acetate	12.386	43	143328	19.765	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	174491	20.663	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	133857m	19.238	ug/l	
77) Bromobenzene	12.857	156	118734	18.714	ug/l	99
78) n-propylbenzene	12.916	91	522216	19.615	ug/l	99
79) 2-Chlorotoluene	13.004	91	340291	19.930	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	407204	20.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	44422	19.785	ug/l	98
82) 4-Chlorotoluene	13.104	91	295492	18.671	ug/l	99
83) tert-Butylbenzene	13.321	119	361432	19.717	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	391084	19.988	ug/l	99
85) sec-Butylbenzene	13.498	105	469391	19.754	ug/l	99
86) p-Isopropyltoluene	13.610	119	370063	19.532	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	189434	18.741	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	181439	18.399	ug/l	99
89) n-Butylbenzene	13.939	91	252444	17.964	ug/l	99
90) Hexachloroethane	14.204	117	71193	20.527	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	188791	19.025	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26285	20.067	ug/l	98
93) 1,2,4-Trichlorobenzene	15.263	180	76504	17.423	ug/l	99
94) Hexachlorobutadiene	15.363	225	51615	17.636	ug/l	99
95) Naphthalene	15.504	128	183858	16.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	74047	17.633	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
Data File : VN071713.D
Acq On : 31 Mar 2022 18:50
Operator : JC\MD
Sample : VN0331WBS03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS03

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 01:39:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

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

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

