

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071540.D
 Acq On : 25 Mar 2022 12:16
 Operator : JC\MD
 Sample : VN0325WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 03:59:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	609627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	968884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	886690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	354840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	410528	54.202	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.400%			
35) Dibromofluoromethane	8.016	113	330977	54.355	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.720%			
50) Toluene-d8	10.439	98	1309040	53.298	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.727	95	422686	52.523	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	124979	19.647	ug/l	100
3) Chloromethane	2.299	50	150211	19.952	ug/l	97
4) Vinyl Chloride	2.446	62	163374	19.044	ug/l	100
5) Bromomethane	2.851	94	116739	25.784	ug/l	100
6) Chloroethane	3.016	64	108335	18.841	ug/l	98
7) Trichlorofluoromethane	3.375	101	196882	19.885	ug/l	97
8) Diethyl Ether	3.828	74	85227	20.650	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	118319	19.946	ug/l	99
10) Methyl Iodide	4.422	142	173551	20.291	ug/l	100
11) Tert butyl alcohol	5.357	59	135811	96.223	ug/l	99
12) 1,1-Dichloroethene	4.187	96	114959	19.677	ug/l	95
13) Acrolein	4.040	56	113027	104.712	ug/l	100
14) Allyl chloride	4.840	41	186235	19.747	ug/l	99
15) Acrylonitrile	5.551	53	378892	98.740	ug/l	99
16) Acetone	4.281	43	307148	98.935	ug/l	95
17) Carbon Disulfide	4.534	76	292231	19.178	ug/l	100
18) Methyl Acetate	4.851	43	171877	20.389	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	440983	21.105	ug/l	98
20) Methylene Chloride	5.092	84	144173	19.930	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	125121	19.734	ug/l	95
22) Diisopropyl ether	6.492	45	412680	21.107	ug/l	97
23) Vinyl Acetate	6.428	43	1765992	105.210	ug/l	99
24) 1,1-Dichloroethane	6.381	63	238857	20.164	ug/l	98
25) 2-Butanone	7.328	43	489325	98.240	ug/l	99
26) 2,2-Dichloropropane	7.322	77	200228	20.203	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	153747	20.338	ug/l	99
28) Bromochloromethane	7.651	49	80940	16.722	ug/l	99
29) Tetrahydrofuran	7.681	42	329053	99.353	ug/l	100
30) Chloroform	7.816	83	247120	20.810	ug/l	98
31) Cyclohexane	8.092	56	217459	20.065	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	210062	20.307	ug/l	98
36) 1,1-Dichloropropene	8.222	75	178340	20.313	ug/l	99
37) Ethyl Acetate	7.404	43	205998	21.526	ug/l	98
38) Carbon Tetrachloride	8.204	117	176891	20.670	ug/l	99
39) Methylcyclohexane	9.457	83	224372	20.831	ug/l	99
40) Benzene	8.457	78	573964	21.002	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	93788	20.643	ug/l	99
42) 1,2-Dichloroethane	8.528	62	204760	21.481	ug/l	99
43) Isopropyl Acetate	8.557	43	315302	20.370	ug/l	100
44) Trichloroethene	9.210	130	145382	20.494	ug/l	97
45) 1,2-Dichloropropane	9.486	63	142032	20.981	ug/l	98
46) Dibromomethane	9.575	93	97862	21.240	ug/l	99
47) Bromodichloromethane	9.757	83	192094	21.271	ug/l	97
48) Methyl methacrylate	9.557	41	146052	21.141	ug/l	99
49) 1,4-Dioxane	9.563	88	64659	405.608	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	979159	102.201	ug/l	100
52) Toluene	10.504	92	362187	21.175	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	205301	21.142	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	229082	21.392	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	142907	20.609	ug/l	99
56) Ethyl methacrylate	10.757	69	217071	20.767	ug/l	98
57) 1,3-Dichloropropane	11.039	76	246956	21.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	297325	102.053	ug/l	100
59) 2-Hexanone	11.080	43	701697	101.597	ug/l	99
60) Dibromochloromethane	11.233	129	146603	20.961	ug/l	100
61) 1,2-Dibromoethane	11.345	107	149487	21.367	ug/l	100
64) Tetrachloroethene	10.974	164	124394	20.297	ug/l	97
65) Chlorobenzene	11.763	112	383602	20.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	139163	20.911	ug/l	99
67) Ethyl Benzene	11.839	91	657236	20.350	ug/l	99
68) m/p-Xylenes	11.951	106	513673	41.567	ug/l	100
69) o-Xylene	12.274	106	256849	20.921	ug/l	98
70) Styrene	12.292	104	392396	20.500	ug/l	99
71) Bromoform	12.457	173	109422	20.905	ug/l #	99
73) Isopropylbenzene	12.574	105	637475	20.377	ug/l	99
74) N-amyl acetate	12.386	43	201188	20.008	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	216650	21.318	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	188244m	23.791	ug/l	
77) Bromobenzene	12.857	156	158066	20.274	ug/l	99
78) n-propylbenzene	12.915	91	679620	20.419	ug/l	100
79) 2-Chlorotoluene	13.004	91	433536	20.186	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	513115	20.778	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	60214	20.374	ug/l	100
82) 4-Chlorotoluene	13.098	91	404756	20.470	ug/l	99
83) tert-Butylbenzene	13.321	119	456872	20.495	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	501184	21.032	ug/l	100
85) sec-Butylbenzene	13.498	105	607199	20.550	ug/l	100
86) p-Isopropyltoluene	13.610	119	492662	20.916	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	253630	20.056	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	245753	19.662	ug/l	97
89) n-Butylbenzene	13.939	91	346537	19.211	ug/l	100
90) Hexachloroethane	14.204	117	89995	19.575	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	249484	20.581	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37040	20.023	ug/l	96
93) 1,2,4-Trichlorobenzene	15.262	180	109343	19.466	ug/l	98
94) Hexachlorobutadiene	15.362	225	70262	20.684	ug/l	99
95) Naphthalene	15.504	128	286917	18.080	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	109490	19.645	ug/l	98

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

