

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069320.D
 Acq On : 1 Nov 2021 14:49
 Operator : JC/MD
 Sample : VN1101WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/02/2021
 Supervised By :Semsettin Yesilyurt 11/03/2021

Quant Time: Nov 01 17:37:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	243563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	418710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	389000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	162521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	179904	51.168	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.340%			
35) Dibromofluoromethane	8.024	113	130173	49.873	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.740%			
50) Toluene-d8	10.443	98	516602	49.502	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.000%			
62) 4-Bromofluorobenzene	12.731	95	186288	47.305	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	56736	20.345	ug/l	98
3) Chloromethane	2.303	50	59479	20.111	ug/l	100
4) Vinyl Chloride	2.443	62	68387	19.821	ug/l	100
5) Bromomethane	2.856	94	48406	23.638	ug/l	99
6) Chloroethane	3.020	64	44814	21.115	ug/l	100
7) Trichlorofluoromethane	3.374	101	106429	24.638	ug/l	97
8) Diethyl Ether	3.824	74	40714	26.496	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.200	101	49872	21.765	ug/l	99
10) Methyl Iodide	4.417	142	59462	19.332	ug/l	97
11) Tert butyl alcohol	5.388	59	65680	104.352	ug/l #	90
12) 1,1-Dichloroethene	4.173	96	45644	20.835	ug/l	96
13) Acrolein	4.039	56	13238	85.500	ug/l	98
14) Allyl chloride	4.841	41	78926	20.365	ug/l	97
15) Acrylonitrile	5.559	53	161786	109.088	ug/l	98
16) Acetone	4.293	43	164115	109.556	ug/l	99
17) Carbon Disulfide	4.524	76	105170	18.029	ug/l	99
18) Methyl Acetate	4.859	43	111691	21.941	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	184632	21.420	ug/l	98
20) Methylene Chloride	5.095	84	57151	19.890	ug/l	94
21) trans-1,2-Dichloroethene	5.597	96	49732	20.104	ug/l	96
22) Diisopropyl ether	6.501	45	172068	19.595	ug/l	98
23) Vinyl Acetate	6.439	43	674929	98.278	ug/l	98
24) 1,1-Dichloroethane	6.391	63	97776	21.109	ug/l	99
25) 2-Butanone	7.340	43	232843	102.392	ug/l	99
26) 2,2-Dichloropropane	7.327	77	81277	18.408	ug/l	100
27) cis-1,2-Dichloroethene	7.324	96	61321	20.980	ug/l	98
28) Bromochloromethane	7.657	49	50131	21.602	ug/l	95
29) Tetrahydrofuran	7.689	42	145375	100.297	ug/l	95
30) Chloroform	7.820	83	105887	21.029	ug/l	100
31) Cyclohexane	8.094	56	93232	19.813	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	90825	18.980	ug/l	99
36) 1,1-Dichloropropene	8.223	75	75788	20.995	ug/l	98
37) Ethyl Acetate	7.415	43	88083	21.413	ug/l	100
38) Carbon Tetrachloride	8.209	117	75495	18.987	ug/l	98
39) Methylcyclohexane	9.459	83	93191	20.850	ug/l	99
40) Benzene	8.461	78	229694	21.155	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	43596	21.498	ug/l	95
42) 1,2-Dichloroethane	8.531	62	87267	21.358	ug/l	100
43) Isopropyl Acetate	8.563	43	143017	20.212	ug/l	98
44) Trichloroethene	9.218	130	57062	20.871	ug/l	100
45) 1,2-Dichloropropane	9.491	63	58975	21.335	ug/l	100
46) Dibromomethane	9.577	93	42955	21.872	ug/l	100
47) Bromodichloromethane	9.762	83	78360	19.327	ug/l	98
48) Methyl methacrylate	9.561	41	63331	20.399	ug/l	92
49) 1,4-Dioxane	9.572	88	29998	419.873	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	455734	101.499	ug/l	99
52) Toluene	10.508	92	149627	21.013	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	83686	18.800	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	89792	19.104	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	61024	21.362	ug/l	97
56) Ethyl methacrylate	10.762	69	97139	19.568	ug/l	97
57) 1,3-Dichloropropane	11.044	76	102179	21.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	117708	95.111	ug/l	99
59) 2-Hexanone	11.087	43	338416	99.746	ug/l	98
60) Dibromochloromethane	11.240	129	56793	18.747	ug/l	98
61) 1,2-Dibromoethane	11.347	107	63047	19.836	ug/l	99
64) Tetrachloroethene	10.980	164	51889	20.883	ug/l	98
65) Chlorobenzene	11.771	112	156597	20.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	56425	19.303	ug/l	99
67) Ethyl Benzene	11.846	91	290904	20.859	ug/l	99
68) m/p-Xylenes	11.956	106	219667	42.285	ug/l	99
69) o-Xylene	12.283	106	107708	20.601	ug/l	99
70) Styrene	12.296	104	172278	19.058	ug/l	99
71) Bromoform	12.460	173	38466	17.908	ug/l #	99
73) Isopropylbenzene	12.581	105	282266	20.662	ug/l	98
74) N-amyl acetate	12.390	43	106852	19.855	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.828	83	94599	21.693	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	84698m	19.815	ug/l	
77) Bromobenzene	12.862	156	64290	20.061	ug/l	99
78) n-propylbenzene	12.921	91	316520	20.469	ug/l	100
79) 2-Chlorotoluene	13.010	91	197111	20.239	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	235501	20.765	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	23487	19.039	ug/l	87
82) 4-Chlorotoluene	13.106	91	190083	19.789	ug/l	99
83) tert-Butylbenzene	13.326	119	202565	20.472	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	231205	20.844	ug/l	100
85) sec-Butylbenzene	13.503	105	280712	20.476	ug/l	100
86) p-Isopropyltoluene	13.619	119	226055	20.675	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	111350	19.860	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	109497	20.157	ug/l	99
89) n-Butylbenzene	13.943	91	179632	19.401	ug/l	98
90) Hexachloroethane	14.211	117	36858	18.362	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	109378	20.024	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	17612	20.490	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	50102	20.525	ug/l	100
94) Hexachlorobutadiene	15.370	225	28356	21.095	ug/l	98
95) Naphthalene	15.507	128	152375	20.828	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	50175	20.810	ug/l	98

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

