

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075583.D
 Acq On : 06 Dec 2022 14:20
 Operator : JC\MD
 Sample : VN1206WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 00:13:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	179682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	48319	50.097	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.200%			
35) Dibromofluoromethane	8.171	113	61660	54.989	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.980%			
50) Toluene-d8	10.571	98	134747	53.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.700%			
62) 4-Bromofluorobenzene	12.853	95	103758	55.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	31350	22.817	ug/l	92
3) Chloromethane	2.377	50	36051	21.087	ug/l	96
4) Vinyl Chloride	2.524	62	45568	21.149	ug/l	99
5) Bromomethane	2.953	94	38676	20.413	ug/l	98
6) Chloroethane	3.124	64	33440	20.483	ug/l #	83
7) Trichlorofluoromethane	3.506	101	64548	20.970	ug/l	98
8) Diethyl Ether	3.971	74	23130	21.440	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	37801	22.246	ug/l	94
10) Methyl Iodide	4.600	142	60211	21.867	ug/l	95
11) Tert butyl alcohol	5.530	59	29057	71.765	ug/l #	80
12) 1,1-Dichloroethene	4.353	96	35282	21.204	ug/l	93
13) Acrolein	4.189	56	37262	105.640	ug/l	96
14) Allyl chloride	5.036	41	46144m	21.439	ug/l	
15) Acrylonitrile	5.730	53	81566	87.807	ug/l	98
16) Acetone	4.442	43	73297	81.473	ug/l	95
17) Carbon Disulfide	4.724	76	87262	20.179	ug/l	97
18) Methyl Acetate	5.036	43	44000	18.587	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	118473	20.099	ug/l	98
20) Methylene Chloride	5.277	84	41994	22.311	ug/l #	83
21) trans-1,2-Dichloroethene	5.800	96	38279	20.186	ug/l	97
22) Diisopropyl ether	6.677	45	104246	21.224	ug/l	95
23) Vinyl Acetate	6.612	43	382379m	97.857	ug/l	
24) 1,1-Dichloroethane	6.583	63	67235	21.326	ug/l	96
25) 2-Butanone	7.494	43	104076	82.861	ug/l	99
26) 2,2-Dichloropropane	7.494	77	55320	18.880	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	46305	21.595	ug/l	93
28) Bromochloromethane	7.818	49	28222	22.053	ug/l	88
29) Tetrahydrofuran	7.847	42	65972	86.351	ug/l	99
30) Chloroform	7.971	83	73250	20.232	ug/l	99
31) Cyclohexane	8.265	56	60375	19.702	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	68441	20.820	ug/l	94
36) 1,1-Dichloropropene	8.377	75	53598	21.919	ug/l	98
37) Ethyl Acetate	7.565	43	41660	18.921	ug/l	98
38) Carbon Tetrachloride	8.365	117	60629	22.570	ug/l	95
39) Methylcyclohexane	9.606	83	67695	22.120	ug/l	95
40) Benzene	8.612	78	163440	21.830	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	22290	19.801	ug/l	96
42) 1,2-Dichloroethane	8.677	62	54880	21.887	ug/l	96
43) Isopropyl Acetate	8.694	43	73050	20.669	ug/l	97
44) Trichloroethene	9.359	130	45572	22.246	ug/l	92
45) 1,2-Dichloropropane	9.624	63	38930	21.820	ug/l	100
46) Dibromomethane	9.712	93	29137	21.591	ug/l #	89
47) Bromodichloromethane	9.888	83	59625	22.816	ug/l	98
48) Methyl methacrylate	9.682	41	32489	19.881	ug/l	97
49) 1,4-Dioxane	9.694	88	14774	318.377	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	216816	96.319	ug/l	97
52) Toluene	10.635	92	109455	22.687	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	57334	21.853	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	65069	22.835	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	42665	21.712	ug/l	97
56) Ethyl methacrylate	10.876	69	57581	21.698	ug/l	98
57) 1,3-Dichloropropane	11.165	76	69505	21.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	92532	96.682	ug/l	96
59) 2-Hexanone	11.200	43	159510	94.368	ug/l	99
60) Dibromochloromethane	11.359	129	48054	23.825	ug/l	99
61) 1,2-Dibromoethane	11.470	107	42997	21.082	ug/l	100
64) Tetrachloroethene	11.106	164	40759	20.628	ug/l	88
65) Chlorobenzene	11.894	112	118120	22.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	44907	22.518	ug/l	98
67) Ethyl Benzene	11.965	91	207279	22.737	ug/l	97
68) m/p-Xylenes	12.076	106	169648	45.826	ug/l	100
69) o-Xylene	12.400	106	82741	22.495	ug/l	97
70) Styrene	12.412	104	132368	22.813	ug/l	99
71) Bromoform	12.576	173	33988	22.392	ug/l #	98
73) Isopropylbenzene	12.700	105	215332	22.490	ug/l	98
74) N-amyl acetate	12.494	43	61496	20.892	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	60866	20.851	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	51408m	20.747	ug/l	
77) Bromobenzene	12.982	156	52713	22.300	ug/l	83
78) n-propylbenzene	13.035	91	243025	22.744	ug/l	100
79) 2-Chlorotoluene	13.129	91	147364	22.889	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	183822	23.109	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	15563m	18.584	ug/l	
82) 4-Chlorotoluene	13.129	91	147364	22.889	ug/l	98
83) tert-Butylbenzene	13.441	119	164145	22.632	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	182493	22.871	ug/l	98
85) sec-Butylbenzene	13.617	105	227664	23.134	ug/l	100
86) p-Isopropyltoluene	13.735	119	195229	23.579	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	98143	21.914	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	97431	21.416	ug/l	100
89) n-Butylbenzene	14.059	91	152389	21.792	ug/l	98
90) Hexachloroethane	14.335	117	31988	22.395	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	97204	22.266	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10659	19.276	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	47337	21.159	ug/l	98
94) Hexachlorobutadiene	15.506	225	26971	23.145	ug/l	99
95) Naphthalene	15.647	128	131373	18.666	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	45863	20.858	ug/l	96

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

