

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113022\
 Data File : VN075493.D
 Acq On : 30 Nov 2022 10:51
 Operator : JC\MD
 Sample : VN1130WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2022
 Supervised By : Mahesh Dadoda 12/01/2022

Quant Time: Dec 01 02:13:29 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	8.229	168	135086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	226334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	36408	50.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.420%			
35) Dibromofluoromethane	8.177	113	44953	50.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.120%			
50) Toluene-d8	10.571	98	97530	48.703	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.847	95	73073	49.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	19517	18.894	ug/l	95
3) Chloromethane	2.371	50	21654	16.847	ug/l	93
4) Vinyl Chloride	2.524	62	29036	17.925	ug/l	94
5) Bromomethane	2.942	94	25946	18.215	ug/l	88
6) Chloroethane	3.118	64	22815	18.588	ug/l #	82
7) Trichlorofluoromethane	3.500	101	44324	19.154	ug/l	99
8) Diethyl Ether	3.971	74	16465	20.300	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	25825	20.215	ug/l	93
10) Methyl Iodide	4.594	142	39975	19.311	ug/l	96
11) Tert butyl alcohol	5.536	59	25394	83.423	ug/l	98
12) 1,1-Dichloroethene	4.353	96	23474	18.765	ug/l	94
13) Acrolein	4.194	56	24948	94.079	ug/l	97
14) Allyl chloride	5.036	41	30685m	18.963	ug/l	
15) Acrylonitrile	5.730	53	67321	96.397	ug/l	97
16) Acetone	4.442	43	59941	88.623	ug/l	98
17) Carbon Disulfide	4.724	76	50404	15.504	ug/l	98
18) Methyl Acetate	5.036	43	36068	20.386	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	88045	19.868	ug/l	93
20) Methylene Chloride	5.283	84	28983	20.374	ug/l	90
21) trans-1,2-Dichloroethene	5.788	96	26926	18.887	ug/l	90
22) Diisopropyl ether	6.677	45	71390	19.333	ug/l	98
23) Vinyl Acetate	6.612	43	286349m	97.474	ug/l	
24) 1,1-Dichloroethane	6.577	63	47229	19.926	ug/l	96
25) 2-Butanone	7.488	43	85506	90.551	ug/l	95
26) 2,2-Dichloropropane	7.500	77	40898	18.566	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	31559	19.577	ug/l	94
28) Bromochloromethane	7.818	49	18104	18.817	ug/l #	81
29) Tetrahydrofuran	7.841	42	54174	94.318	ug/l	100
30) Chloroform	7.977	83	52560	19.310	ug/l	100
31) Cyclohexane	8.259	56	40679	17.657	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	48121	19.471	ug/l	99
36) 1,1-Dichloropropene	8.377	75	36242	18.692	ug/l	97
37) Ethyl Acetate	7.565	43	33599	19.245	ug/l	99
38) Carbon Tetrachloride	8.371	117	42226	19.825	ug/l	95
39) Methylcyclohexane	9.606	83	46331	19.092	ug/l	94
40) Benzene	8.606	78	114081	19.217	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	17567	19.681	ug/l	96
42) 1,2-Dichloroethane	8.677	62	39361	19.797	ug/l	96
43) Isopropyl Acetate	8.694	43	54338	19.390	ug/l	98
44) Trichloroethene	9.353	130	31800	19.577	ug/l	84
45) 1,2-Dichloropropane	9.624	63	27689	19.572	ug/l	97
46) Dibromomethane	9.712	93	21985	20.546	ug/l	94
47) Bromodichloromethane	9.888	83	40601	19.593	ug/l #	96
48) Methyl methacrylate	9.682	41	25020	19.309	ug/l	98
49) 1,4-Dioxane	9.700	88	13975	379.808	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	173281	97.082	ug/l	98
52) Toluene	10.629	92	76114	19.896	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	39879	19.170	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	45119	19.969	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	31198	20.023	ug/l	99
56) Ethyl methacrylate	10.876	69	42814	20.347	ug/l	96
57) 1,3-Dichloropropane	11.165	76	49268	19.393	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	80330	105.852	ug/l	95
59) 2-Hexanone	11.194	43	124121	92.608	ug/l	97
60) Dibromochloromethane	11.359	129	33043	20.661	ug/l	97
61) 1,2-Dibromoethane	11.470	107	32350	20.004	ug/l	98
64) Tetrachloroethene	11.106	164	30007	19.316	ug/l	88
65) Chlorobenzene	11.894	112	81473	19.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	31554	20.124	ug/l	98
67) Ethyl Benzene	11.965	91	141084	19.684	ug/l	97
68) m/p-Xylenes	12.070	106	115086	39.540	ug/l	97
69) o-Xylene	12.400	106	57414	19.853	ug/l	98
70) Styrene	12.412	104	90985	19.944	ug/l	99
71) Bromoform	12.582	173	24423	20.466	ug/l #	98
73) Isopropylbenzene	12.700	105	144011	20.116	ug/l	96
74) N-amyl acetate	12.494	43	43034	19.553	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	45425	20.812	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	38562m	20.814	ug/l	
77) Bromobenzene	12.982	156	36605	20.711	ug/l	84
78) n-propylbenzene	13.035	91	166171	20.799	ug/l	100
79) 2-Chlorotoluene	13.123	91	100994	20.980	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	125573	21.112	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	12181	19.453	ug/l	97
82) 4-Chlorotoluene	13.123	91	100994	20.980	ug/l	96
83) tert-Butylbenzene	13.441	119	108715	20.047	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	127172	21.316	ug/l	100
85) sec-Butylbenzene	13.617	105	152677	20.749	ug/l	98
86) p-Isopropyltoluene	13.729	119	128590	20.771	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	67884	20.272	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	67594	19.871	ug/l	98
89) n-Butylbenzene	14.059	91	100384	19.198	ug/l	98
90) Hexachloroethane	14.335	117	20984	19.648	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	67976	20.825	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8470	20.486	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	33489	20.020	ug/l	96
94) Hexachlorobutadiene	15.500	225	18372	21.086	ug/l	97
95) Naphthalene	15.641	128	99686	18.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	32384	19.698	ug/l	99

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

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