

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111722\
 Data File : VN075301.D
 Acq On : 17 Nov 2022 12:35
 Operator : JC\MD
 Sample : VN1117WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Quant Time: Nov 18 01:00:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2022
 Supervised By : Mahesh Dadoda 11/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	118906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	206369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	185432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69364	43.295	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.600%		
35) Dibromofluoromethane	8.171	113	61712	50.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.880%		
50) Toluene-d8	10.565	98	222447	47.327	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.660%		
62) 4-Bromofluorobenzene	12.847	95	81989	49.657	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	24965	16.139	ug/l	97
3) Chloromethane	2.371	50	24782	15.083	ug/l	97
4) Vinyl Chloride	2.524	62	34836	14.862	ug/l	93
5) Bromomethane	2.936	94	28204	13.236	ug/l	94
6) Chloroethane	3.118	64	24858	14.790	ug/l	96
7) Trichlorofluoromethane	3.500	101	47783	19.956	ug/l	99
8) Diethyl Ether	3.971	74	17540	20.084	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	27168	20.546	ug/l	98
10) Methyl Iodide	4.600	142	40319	20.481	ug/l	96
11) Tert butyl alcohol	5.536	59	27138	72.635	ug/l	99
12) 1,1-Dichloroethene	4.347	96	24765	19.648	ug/l	94
13) Acrolein	4.183	56	13603	44.512	ug/l	97
14) Allyl chloride	5.030	41	35189	19.115	ug/l	93
15) Acrylonitrile	5.730	53	70446	89.258	ug/l	97
16) Acetone	4.442	43	66571	98.133	ug/l	96
17) Carbon Disulfide	4.724	76	57762	18.223	ug/l	98
18) Methyl Acetate	5.030	43	40461	18.259	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	87042	18.580	ug/l	99
20) Methylene Chloride	5.283	84	31194	20.624	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	26762	19.392	ug/l	90
22) Diisopropyl ether	6.677	45	76814	18.908	ug/l	95
23) Vinyl Acetate	6.612	43	294322m	86.759	ug/l	
24) 1,1-Dichloroethane	6.577	63	48923	19.041	ug/l	98
25) 2-Butanone	7.488	43	92914	87.078	ug/l	97
26) 2,2-Dichloropropane	7.500	77	43555	18.427	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	33181	20.133	ug/l	98
28) Bromochloromethane	7.812	49	18740	17.302	ug/l	94
29) Tetrahydrofuran	7.841	42	59265	85.954	ug/l	99
30) Chloroform	7.971	83	53691	19.247	ug/l	98
31) Cyclohexane	8.253	56	44699	18.759	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	48948	19.322	ug/l	99
36) 1,1-Dichloropropene	8.377	75	40000	21.327	ug/l	98
37) Ethyl Acetate	7.565	43	36234	17.616	ug/l	100
38) Carbon Tetrachloride	8.365	117	43447	21.058	ug/l	98
39) Methylcyclohexane	9.600	83	50320	20.322	ug/l	95
40) Benzene	8.606	78	120431	20.971	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	19075	19.356	ug/l	98
42) 1,2-Dichloroethane	8.671	62	41808	20.010	ug/l	99
43) Isopropyl Acetate	8.688	43	56962	17.853	ug/l	98
44) Trichloroethene	9.353	130	32170	22.328	ug/l	99
45) 1,2-Dichloropropane	9.624	63	28752	21.038	ug/l	98
46) Dibromomethane	9.712	93	21608	20.294	ug/l	98
47) Bromodichloromethane	9.888	83	42500	20.612	ug/l	95
48) Methyl methacrylate	9.682	41	27042	18.477	ug/l	97
49) 1,4-Dioxane	9.700	88	13922	363.260	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	185345	90.022	ug/l	100
52) Toluene	10.629	92	79514	20.713	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	41866	19.236	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	45883	19.877	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	32181	21.142	ug/l	97
56) Ethyl methacrylate	10.876	69	43456	18.716	ug/l	98
57) 1,3-Dichloropropane	11.165	76	51546	20.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	79025	88.038	ug/l	100
59) 2-Hexanone	11.194	43	137313	87.873	ug/l	100
60) Dibromochloromethane	11.359	129	32419	20.187	ug/l	98
61) 1,2-Dibromoethane	11.470	107	32242	20.669	ug/l	98
64) Tetrachloroethene	11.106	164	29490	25.940	ug/l	91
65) Chlorobenzene	11.894	112	85400	21.576	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	31296	21.315	ug/l	99
67) Ethyl Benzene	11.965	91	148936	20.915	ug/l	99
68) m/p-Xylenes	12.070	106	120247	42.083	ug/l	100
69) o-Xylene	12.400	106	58577	20.730	ug/l	99
70) Styrene	12.412	104	95801	21.262	ug/l	98
71) Bromoform	12.576	173	22400	20.376	ug/l #	98
73) Isopropylbenzene	12.700	105	154219	20.194	ug/l	98
74) N-amyl acetate	12.494	43	48523	17.179	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	45046	18.014	ug/l	94
76) 1,2,3-Trichloropropane	12.994	75	39076m	19.347	ug/l	
77) Bromobenzene	12.976	156	35576	21.157	ug/l	91
78) n-propylbenzene	13.035	91	173493	20.234	ug/l	100
79) 2-Chlorotoluene	13.123	91	107360	20.491	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	129872	20.247	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	12243	15.560	ug/l	90
82) 4-Chlorotoluene	13.123	91	107360	20.491	ug/l	99
83) tert-Butylbenzene	13.441	119	114386	20.069	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	131810	20.310	ug/l	98
85) sec-Butylbenzene	13.617	105	164905	20.682	ug/l	100
86) p-Isopropyltoluene	13.729	119	137652	20.904	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	70416	21.388	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	68591	21.051	ug/l	99
89) n-Butylbenzene	14.059	91	115230	21.731	ug/l	99
90) Hexachloroethane	14.329	117	22043	18.258	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	69197	21.141	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8717	16.922	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	32753	23.254	ug/l	95
94) Hexachlorobutadiene	15.500	225	17786	25.903	ug/l	98
95) Naphthalene	15.641	128	103688	19.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33257	23.764	ug/l	96

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

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