

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075278.D
 Acq On : 15 Nov 2022 12:58
 Operator : JC\MD
 Sample : VN1115WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 01:02:16 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	115880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	206173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	185582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71786	45.977	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.960%		
35) Dibromofluoromethane	8.165	113	63025	52.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.140%		
50) Toluene-d8	10.565	98	224299	47.766	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.540%		
62) 4-Bromofluorobenzene	12.847	95	84323	51.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	27894	18.504	ug/l	98
3) Chloromethane	2.377	50	26674	16.659	ug/l	100
4) Vinyl Chloride	2.524	62	36981	16.190	ug/l	92
5) Bromomethane	2.918	94	32222	16.444	ug/l	99
6) Chloroethane	3.106	64	25931	15.831	ug/l	96
7) Trichlorofluoromethane	3.501	101	47636	20.414	ug/l	97
8) Diethyl Ether	3.977	74	17685	20.779	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	28185	21.871	ug/l	98
10) Methyl Iodide	4.595	142	41456	21.609	ug/l	97
11) Tert butyl alcohol	5.530	59	29436	80.843	ug/l	99
12) 1,1-Dichloroethene	4.348	96	25406	20.683	ug/l	98
13) Acrolein	4.189	56	16262	54.603	ug/l	99
14) Allyl chloride	5.030	41	32805	18.286	ug/l	98
15) Acrylonitrile	5.730	53	75168	97.727	ug/l	99
16) Acetone	4.436	43	67842	102.618	ug/l	98
17) Carbon Disulfide	4.718	76	58836	19.047	ug/l	97
18) Methyl Acetate	5.030	43	43670	20.222	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	93998	20.589	ug/l	100
20) Methylene Chloride	5.283	84	32168	21.823	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	28004	20.822	ug/l	96
22) Diisopropyl ether	6.677	45	82621	20.869	ug/l	96
23) Vinyl Acetate	6.612	43	318624m	96.376	ug/l	
24) 1,1-Dichloroethane	6.583	63	50098	20.008	ug/l	99
25) 2-Butanone	7.489	43	98377	94.606	ug/l	100
26) 2,2-Dichloropropane	7.494	77	43139	18.727	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	33614	20.929	ug/l	96
28) Bromochloromethane	7.824	49	19228	18.216	ug/l	90
29) Tetrahydrofuran	7.841	42	63592	94.638	ug/l	97
30) Chloroform	7.971	83	55577	20.443	ug/l	98
31) Cyclohexane	8.259	56	45827	19.735	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	49763	20.157	ug/l	97
36) 1,1-Dichloropropene	8.371	75	39824	21.253	ug/l	99
37) Ethyl Acetate	7.559	43	39258	19.104	ug/l	99
38) Carbon Tetrachloride	8.365	117	43699	21.201	ug/l	99
39) Methylcyclohexane	9.600	83	51598	20.858	ug/l	98
40) Benzene	8.612	78	122429	21.339	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	18977	19.275	ug/l	92
42) 1,2-Dichloroethane	8.671	62	43188	20.690	ug/l	98
43) Isopropyl Acetate	8.688	43	63447	19.905	ug/l	99
44) Trichloroethene	9.353	130	32388	22.501	ug/l	91
45) 1,2-Dichloropropane	9.624	63	30365	22.239	ug/l	97
46) Dibromomethane	9.706	93	23005	21.626	ug/l	97
47) Bromodichloromethane	9.888	83	43474	21.104	ug/l #	97
48) Methyl methacrylate	9.677	41	29226	19.988	ug/l	96
49) 1,4-Dioxane	9.700	88	15735	410.956	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	197594	96.062	ug/l	99
52) Toluene	10.629	92	82632	21.545	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	44435	20.436	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	49478	21.455	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	33055	21.737	ug/l	92
56) Ethyl methacrylate	10.871	69	46498	20.045	ug/l	98
57) 1,3-Dichloropropane	11.165	76	54399	21.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	87979	98.106	ug/l	98
59) 2-Hexanone	11.194	43	148185	94.921	ug/l	100
60) Dibromochloromethane	11.359	129	33979	21.178	ug/l	99
61) 1,2-Dibromoethane	11.465	107	34001	21.817	ug/l	100
64) Tetrachloroethene	11.100	164	30253	26.590	ug/l	88
65) Chlorobenzene	11.888	112	86780	21.907	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	32326	21.998	ug/l	98
67) Ethyl Benzene	11.965	91	154361	21.659	ug/l	99
68) m/p-Xylenes	12.071	106	126786	44.336	ug/l	100
69) o-Xylene	12.400	106	61407	21.714	ug/l	98
70) Styrene	12.412	104	97970	21.726	ug/l	99
71) Bromoform	12.576	173	24293	22.081	ug/l #	94
73) Isopropylbenzene	12.694	105	159313	21.388	ug/l	98
74) N-amyl acetate	12.494	43	52534	19.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	49115	20.615	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	42606m	21.627	ug/l	
77) Bromobenzene	12.976	156	36304	22.135	ug/l	93
78) n-propylbenzene	13.035	91	180008	21.525	ug/l	100
79) 2-Chlorotoluene	13.123	91	110366	21.597	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	137409	21.963	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13769	17.941	ug/l	97
82) 4-Chlorotoluene	13.123	91	110366	21.597	ug/l	100
83) tert-Butylbenzene	13.441	119	121373	21.833	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	139317	22.009	ug/l	100
85) sec-Butylbenzene	13.618	105	167809	21.578	ug/l	99
86) p-Isopropyltoluene	13.729	119	142885	22.247	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	71076	22.133	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	70663	22.234	ug/l	99
89) n-Butylbenzene	14.053	91	115774	22.385	ug/l	99
90) Hexachloroethane	14.335	117	23125	19.638	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	70426	22.060	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8958	17.829	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	33732	24.554	ug/l	98
94) Hexachlorobutadiene	15.500	225	16795	25.078	ug/l	99
95) Naphthalene	15.641	128	117413	22.225	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	33908	24.841	ug/l	99

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

