

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075265.D
 Acq On : 14 Nov 2022 15:04
 Operator : JC\MD
 Sample : VN1114WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 03:52:14 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	130785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	230550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	78289	44.428	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.860%		
35) Dibromofluoromethane	8.171	113	68126	50.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.680%		
50) Toluene-d8	10.565	98	241667	46.023	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.040%		
62) 4-Bromofluorobenzene	12.847	95	91320	49.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	31114	18.288	ug/l	96
3) Chloromethane	2.371	50	33556	18.568	ug/l	96
4) Vinyl Chloride	2.524	62	43456	16.856	ug/l	96
5) Bromomethane	2.936	94	34785	15.495	ug/l	98
6) Chloroethane	3.112	64	31713	17.155	ug/l	99
7) Trichlorofluoromethane	3.501	101	54367	20.644	ug/l	98
8) Diethyl Ether	3.971	74	19637	20.443	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	30429	20.922	ug/l	98
10) Methyl Iodide	4.595	142	45093	20.826	ug/l	98
11) Tert butyl alcohol	5.536	59	35866	87.277	ug/l	97
12) 1,1-Dichloroethene	4.348	96	29540	21.308	ug/l	88
13) Acrolein	4.195	56	18525	55.113	ug/l	95
14) Allyl chloride	5.036	41	37358	18.450	ug/l	93
15) Acrylonitrile	5.730	53	89354	102.931	ug/l	99
16) Acetone	4.442	43	88664	118.829	ug/l	93
17) Carbon Disulfide	4.724	76	70838	20.319	ug/l #	93
18) Methyl Acetate	5.042	43	50621	20.770	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	105068	20.391	ug/l	95
20) Methylene Chloride	5.283	84	34349	20.647	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	32085	21.137	ug/l	88
22) Diisopropyl ether	6.683	45	93879	21.010	ug/l	97
23) Vinyl Acetate	6.612	43	357668m	95.856	ug/l	
24) 1,1-Dichloroethane	6.577	63	56894	20.132	ug/l	98
25) 2-Butanone	7.489	43	122382	104.278	ug/l	100
26) 2,2-Dichloropropane	7.500	77	51512	19.814	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	37898	20.907	ug/l	96
28) Bromochloromethane	7.818	49	23077	19.371	ug/l	95
29) Tetrahydrofuran	7.847	42	77382	102.036	ug/l	97
30) Chloroform	7.971	83	62694	20.433	ug/l	97
31) Cyclohexane	8.265	56	51967	19.828	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	57881	20.773	ug/l	96
36) 1,1-Dichloropropene	8.377	75	44840	21.400	ug/l	96
37) Ethyl Acetate	7.571	43	44561	19.392	ug/l	99
38) Carbon Tetrachloride	8.365	117	51383	22.293	ug/l	97
39) Methylcyclohexane	9.600	83	59258	21.422	ug/l	99
40) Benzene	8.606	78	142799	22.258	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23563	21.403	ug/l	99
42) 1,2-Dichloroethane	8.671	62	49119	21.044	ug/l	98
43) Isopropyl Acetate	8.688	43	71890	20.169	ug/l	98
44) Trichloroethene	9.353	130	37661	23.397	ug/l	92
45) 1,2-Dichloropropane	9.624	63	34011	22.276	ug/l	100
46) Dibromomethane	9.712	93	25581	21.505	ug/l	96
47) Bromodichloromethane	9.888	83	50656	21.990	ug/l	97
48) Methyl methacrylate	9.682	41	33344	20.393	ug/l	97
49) 1,4-Dioxane	9.694	88	18631	435.143	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	236277	102.723	ug/l	98
52) Toluene	10.630	92	91929	21.435	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	52346	21.529	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	56586	21.942	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	37439	22.016	ug/l	95
56) Ethyl methacrylate	10.871	69	53007	20.435	ug/l	97
57) 1,3-Dichloropropane	11.165	76	60489	21.360	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	103474	103.185	ug/l	100
59) 2-Hexanone	11.194	43	181985	104.246	ug/l	100
60) Dibromochloromethane	11.359	129	39819	22.194	ug/l	99
61) 1,2-Dibromoethane	11.471	107	38176	21.906	ug/l	99
64) Tetrachloroethene	11.106	164	33585	26.408	ug/l	89
65) Chlorobenzene	11.888	112	96918	21.888	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	35471	21.595	ug/l	97
67) Ethyl Benzene	11.965	91	176128	22.109	ug/l	94
68) m/p-Xylenes	12.071	106	139211	43.551	ug/l	96
69) o-Xylene	12.400	106	70419	22.276	ug/l	99
70) Styrene	12.412	104	113093	22.437	ug/l	98
71) Bromoform	12.576	173	28223	22.950	ug/l #	99
73) Isopropylbenzene	12.694	105	182230	21.591	ug/l	100
74) N-amyl acetate	12.494	43	60659	19.432	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	56641	21.053	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	48379m	21.673	ug/l	
77) Bromobenzene	12.982	156	41049	22.088	ug/l	96
78) n-propylbenzene	13.035	91	206517	21.793	ug/l	100
79) 2-Chlorotoluene	13.123	91	125285	21.636	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	154913	21.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16686	19.188	ug/l	94
82) 4-Chlorotoluene	13.123	91	125285	21.636	ug/l	100
83) tert-Butylbenzene	13.441	119	139095	22.082	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	156442	21.811	ug/l	99
85) sec-Butylbenzene	13.618	105	195728	22.212	ug/l	100
86) p-Isopropyltoluene	13.729	119	162676	22.353	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	80252	22.055	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	79939	22.198	ug/l	99
89) n-Butylbenzene	14.059	91	134359	22.926	ug/l	99
90) Hexachloroethane	14.335	117	27911	20.918	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80556	22.269	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12058	21.180	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	39804	25.570	ug/l	97
94) Hexachlorobutadiene	15.500	225	19309	25.444	ug/l	97
95) Naphthalene	15.641	128	142472	23.800	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	37728	24.393	ug/l	99

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

