

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076505.D
 Acq On : 02 Feb 2023 12:54
 Operator : JC\MD
 Sample : VN0202WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBS01

Quant Time: Feb 03 00:56:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2023
 Supervised By : Mahesh Dadoda 02/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	495231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	808638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	917423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	435819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	301904	54.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.900%			
35) Dibromofluoromethane	8.171	113	256327	50.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	10.571	98	952795	51.003	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.853	95	439099	72.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 144.000%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	81182	15.997	ug/l	100
3) Chloromethane	2.377	50	106346	20.239	ug/l	92
4) Vinyl Chloride	2.530	62	103535	16.070	ug/l	99
5) Bromomethane	2.971	94	74851	14.187	ug/l	95
6) Chloroethane	3.136	64	64764	13.405	ug/l	95
7) Trichlorofluoromethane	3.518	101	159868	18.036	ug/l	99
8) Diethyl Ether	3.971	74	54376	18.290	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	90275	17.991	ug/l	97
10) Methyl Iodide	4.600	142	116364	15.182	ug/l	97
11) Tert butyl alcohol	5.530	59	59167	79.774	ug/l	100
12) 1,1-Dichloroethene	4.359	96	79777	16.818	ug/l	89
13) Acrolein	4.200	56	70564	79.555	ug/l	99
14) Allyl chloride	5.042	41	97774	17.688	ug/l	97
15) Acrylonitrile	5.736	53	179994	85.281	ug/l	99
16) Acetone	4.442	43	165804	93.230	ug/l	96
17) Carbon Disulfide	4.724	76	164695	13.944	ug/l	100
18) Methyl Acetate	5.042	43	102963	17.092	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	291711	18.890	ug/l	94
20) Methylene Chloride	5.294	84	94260	17.529	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	85775	16.692	ug/l	98
22) Diisopropyl ether	6.683	45	252878	19.399	ug/l	96
23) Vinyl Acetate	6.612	43	777312	92.263	ug/l	99
24) 1,1-Dichloroethane	6.577	63	161408	18.575	ug/l	99
25) 2-Butanone	7.488	43	231115	85.129	ug/l	94
26) 2,2-Dichloropropane	7.500	77	139318	19.023	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	106895	17.835	ug/l	98
28) Bromochloromethane	7.824	49	72309	20.531	ug/l	97
29) Tetrahydrofuran	7.847	42	146189	87.247	ug/l	96
30) Chloroform	7.971	83	179660	18.686	ug/l	98
31) Cyclohexane	8.265	56	139206	16.342	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	166165	18.929	ug/l	93
36) 1,1-Dichloropropene	8.377	75	123259	17.148	ug/l	98
37) Ethyl Acetate	7.565	43	92392	16.050	ug/l	97
38) Carbon Tetrachloride	8.365	117	141722	17.681	ug/l	99
39) Methylcyclohexane	9.606	83	147627	16.819	ug/l	97
40) Benzene	8.612	78	377110	17.546	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52296	17.324	ug/l	94
42) 1,2-Dichloroethane	8.677	62	135823	18.470	ug/l	99
43) Isopropyl Acetate	8.694	43	163072	17.387	ug/l	98
44) Trichloroethene	9.353	130	102920	16.931	ug/l	99
45) 1,2-Dichloropropane	9.624	63	92041	17.887	ug/l	99
46) Dibromomethane	9.712	93	67943	17.488	ug/l	98
47) Bromodichloromethane	9.888	83	143493	19.043	ug/l	98
48) Methyl methacrylate	9.682	41	79073	17.809	ug/l	95
49) 1,4-Dioxane	9.700	88	30734	328.039	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	484851	88.062	ug/l	100
52) Toluene	10.629	92	251973	17.531	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	135243	18.827	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	149536	18.095	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	101109	18.404	ug/l	97
56) Ethyl methacrylate	10.876	69	134408	18.950	ug/l	97
57) 1,3-Dichloropropane	11.165	76	163597	18.324	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	193531	80.825	ug/l	99
59) 2-Hexanone	11.194	43	354869	88.943	ug/l	100
60) Dibromochloromethane	11.359	129	110520	19.110	ug/l	100
61) 1,2-Dibromoethane	11.471	107	97935	17.859	ug/l	100
64) Tetrachloroethene	11.106	164	114210	13.804	ug/l	96
65) Chlorobenzene	11.894	112	330736	17.054	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	121574	16.849	ug/l	99
67) Ethyl Benzene	11.965	91	564953	17.021	ug/l	99
68) m/p-Xylenes	12.070	106	484943	36.437	ug/l	99
69) o-Xylene	12.400	106	238752	18.267	ug/l	99
70) Styrene	12.412	104	393256	18.844	ug/l	99
71) Bromoform	12.582	173	92645	17.779	ug/l #	99
73) Isopropylbenzene	12.700	105	624576	18.525	ug/l	100
74) N-amyl acetate	12.494	43	160698	16.570	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	166110	17.139	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	144756m	17.619	ug/l	
77) Bromobenzene	12.982	156	147295	18.331	ug/l	97
78) n-propylbenzene	13.035	91	710150	18.668	ug/l	99
79) 2-Chlorotoluene	13.129	91	430887	18.458	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	531531	18.819	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	44260	16.897	ug/l	96
82) 4-Chlorotoluene	13.129	91	430887	18.458	ug/l	99
83) tert-Butylbenzene	13.441	119	455830	18.145	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	520492	18.378	ug/l	98
85) sec-Butylbenzene	13.617	105	629943	18.072	ug/l	99
86) p-Isopropyltoluene	13.729	119	530109	18.494	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	265296	16.695	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	260935	17.328	ug/l	98
89) n-Butylbenzene	14.059	91	422800	18.581	ug/l	99
90) Hexachloroethane	14.335	117	71353	14.423	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	235260	14.864	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22732	13.493	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	105875	14.788	ug/l	98
94) Hexachlorobutadiene	15.500	225	56506	13.453	ug/l	97
95) Naphthalene	15.641	128	294869	14.382	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	100519	14.625	ug/l	99

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

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