

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082463.D
 Acq On : 05 Jun 2024 12:11
 Operator : JC\MD
 Sample : VN0605WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 00:53:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	163093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130036	50.494	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.980%			
35) Dibromofluoromethane	8.171	113	92499	53.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.060%			
50) Toluene-d8	10.571	98	322070	48.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.220%			
62) 4-Bromofluorobenzene	12.847	95	117147	49.542	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39474	16.787	ug/l	97
3) Chloromethane	2.365	50	44410	16.665	ug/l	95
4) Vinyl Chloride	2.518	62	43284	17.277	ug/l	99
5) Bromomethane	2.954	94	26343	18.294	ug/l	92
6) Chloroethane	3.118	64	31882	19.490	ug/l	93
7) Trichlorofluoromethane	3.495	101	63635	19.398	ug/l	99
8) Diethyl Ether	3.959	74	24877	21.287	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.371	101	37774	19.711	ug/l	99
10) Methyl Iodide	4.589	142	33858	17.575	ug/l	98
11) Tert butyl alcohol	5.530	59	46799	113.208	ug/l	100
12) 1,1-Dichloroethene	4.342	96	32603	18.304	ug/l #	71
13) Acrolein	4.189	56	24428	79.742	ug/l	99
14) Allyl chloride	5.024	41	68587	17.985	ug/l #	89
15) Acrylonitrile	5.718	53	125273	117.009	ug/l	99
16) Acetone	4.424	43	113558	107.493	ug/l #	87
17) Carbon Disulfide	4.706	76	80706	14.029	ug/l	96
18) Methyl Acetate	5.024	43	69752	26.513	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	142451	21.880	ug/l	100
20) Methylene Chloride	5.277	84	43783	20.541	ug/l #	73
21) trans-1,2-Dichloroethene	5.789	96	35242	18.156	ug/l #	78
22) Diisopropyl ether	6.677	45	167340	21.014	ug/l #	93
23) Vinyl Acetate	6.606	43	644822	102.707	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	83345	20.306	ug/l	99
25) 2-Butanone	7.483	43	181824	113.519	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	68858	20.030	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	46772	20.418	ug/l	81
28) Bromochloromethane	7.818	49	30958	16.772	ug/l #	74
29) Tetrahydrofuran	7.841	42	118186	114.924	ug/l #	81
30) Chloroform	7.965	83	84254	21.496	ug/l	94
31) Cyclohexane	8.259	56	66929	16.272	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	72912	20.968	ug/l	96
36) 1,1-Dichloropropene	8.371	75	53931	18.609	ug/l	95
37) Ethyl Acetate	7.559	43	74463	22.959	ug/l #	93
38) Carbon Tetrachloride	8.365	117	61586	20.963	ug/l	99
39) Methylcyclohexane	9.600	83	53797	16.935	ug/l	91
40) Benzene	8.606	78	174398	20.180	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42919	22.501	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	70490	21.208	ug/l	95
43) Isopropyl Acetate	8.694	43	138887	24.167	ug/l #	87
44) Trichloroethene	9.353	130	38845	19.787	ug/l	85
45) 1,2-Dichloropropane	9.624	63	48265	21.646	ug/l	97
46) Dibromomethane	9.712	93	32150	21.962	ug/l	99
47) Bromodichloromethane	9.888	83	69932	22.628	ug/l #	96
48) Methyl methacrylate	9.683	41	59702	21.802	ug/l #	82
49) 1,4-Dioxane	9.700	88	18655	486.151	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	386019	118.221	ug/l	90
52) Toluene	10.635	92	107093	20.650	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	68877	21.549	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	72350	21.385	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	43636	23.153	ug/l	95
56) Ethyl methacrylate	10.877	69	70143	21.921	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	77447	21.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	155316	94.104	ug/l	91
59) 2-Hexanone	11.200	43	285705	119.501	ug/l	89
60) Dibromochloromethane	11.365	129	51677	24.846	ug/l	98
61) 1,2-Dibromoethane	11.471	107	42581	21.996	ug/l	100
64) Tetrachloroethene	11.106	164	39293	20.627	ug/l	96
65) Chlorobenzene	11.894	112	116891	20.588	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	42544	22.749	ug/l	99
67) Ethyl Benzene	11.965	91	197410	19.437	ug/l	97
68) m/p-Xylenes	12.076	106	148857	39.990	ug/l	94
69) o-Xylene	12.400	106	73049	20.259	ug/l	94
70) Styrene	12.412	104	123904	20.688	ug/l	96
71) Bromoform	12.582	173	34535	23.594	ug/l #	98
73) Isopropylbenzene	12.700	105	185030	19.353	ug/l	98
74) N-amyl acetate	12.494	43	103684	19.715	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	63931	23.196	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	51061m	20.158	ug/l	
77) Bromobenzene	12.982	156	46437	20.380	ug/l	86
78) n-propylbenzene	13.035	91	220203	19.450	ug/l	97
79) 2-Chlorotoluene	13.129	91	138470	19.477	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	153451	19.849	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	22608m	20.876	ug/l	
82) 4-Chlorotoluene	13.223	91	137603	19.796	ug/l	94
83) tert-Butylbenzene	13.441	119	129431	19.137	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	157808	19.952	ug/l	96
85) sec-Butylbenzene	13.618	105	181847	19.398	ug/l	98
86) p-Isopropyltoluene	13.729	119	149007	19.558	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	83768	20.293	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	84295	20.008	ug/l	97
89) n-Butylbenzene	14.059	91	129368	18.892	ug/l	98
90) Hexachloroethane	14.335	117	30517	21.619	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	83551	21.383	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13377	23.623	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	42806	19.544	ug/l	97
94) Hexachlorobutadiene	15.506	225	19058	19.830	ug/l	93
95) Naphthalene	15.647	128	143476	20.903	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	44262	20.187	ug/l	97

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

