

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082924\
 Data File : VN083556.D
 Acq On : 29 Aug 2024 15:13
 Operator : JC\MD
 Sample : VN0829WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2024
 Supervised By : Mahesh Dadoda 08/30/2024

Quant Time: Aug 30 01:25:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	121913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	220057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	198687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	110424	63.634	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 127.260%#			
35) Dibromofluoromethane	8.165	113	78276	56.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.980%			
50) Toluene-d8	10.565	98	269964	52.690	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.380%			
62) 4-Bromofluorobenzene	12.847	95	117192	58.669	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	20813	15.055	ug/l	97
3) Chloromethane	2.359	50	26093	18.435	ug/l	98
4) Vinyl Chloride	2.512	62	25592	17.720	ug/l	93
5) Bromomethane	2.900	94	15328	17.104	ug/l	98
6) Chloroethane	3.077	64	20010	22.145	ug/l	90
7) Trichlorofluoromethane	3.471	101	45141	18.920	ug/l	98
8) Diethyl Ether	3.959	74	21139	23.810	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.353	101	25763	19.585	ug/l	99
10) Methyl Iodide	4.583	142	35239	20.365	ug/l	96
11) Tert butyl alcohol	5.530	59	38981	108.092	ug/l	98
12) 1,1-Dichloroethene	4.324	96	24453	18.094	ug/l	91
13) Acrolein	4.183	56	29145	124.002	ug/l	99
14) Allyl chloride	5.012	41	50168	19.644	ug/l	91
15) Acrylonitrile	5.724	53	88963	119.948	ug/l	99
16) Acetone	4.424	43	75867	111.731	ug/l	99
17) Carbon Disulfide	4.694	76	59842	15.133	ug/l	97
18) Methyl Acetate	5.018	43	49009	24.225	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	117729	24.135	ug/l	98
20) Methylene Chloride	5.265	84	34168	21.864	ug/l #	83
21) trans-1,2-Dichloroethene	5.777	96	27123	19.418	ug/l	91
22) Diisopropyl ether	6.671	45	105427	21.961	ug/l	97
23) Vinyl Acetate	6.600	43	600676	122.077	ug/l	96
24) 1,1-Dichloroethane	6.565	63	57257	21.882	ug/l	98
25) 2-Butanone	7.488	43	119401	114.522	ug/l	92
26) 2,2-Dichloropropane	7.488	77	48226	19.846	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	36499	21.655	ug/l	94
28) Bromochloromethane	7.812	49	25827	24.152	ug/l	85
29) Tetrahydrofuran	7.835	42	79018	117.241	ug/l	90
30) Chloroform	7.965	83	64265	23.640	ug/l	99
31) Cyclohexane	8.253	56	44939	17.475	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	55356	21.513	ug/l	93
36) 1,1-Dichloropropene	8.371	75	38018	18.297	ug/l	98
37) Ethyl Acetate	7.565	43	51291	22.047	ug/l #	94
38) Carbon Tetrachloride	8.359	117	44934	19.200	ug/l	99
39) Methylcyclohexane	9.600	83	43552	17.065	ug/l	95
40) Benzene	8.606	78	128569	20.771	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	29630	22.400	ug/l	97
42) 1,2-Dichloroethane	8.671	62	54473	24.158	ug/l	99
43) Isopropyl Acetate	8.688	43	102418	24.114	ug/l	98
44) Trichloroethene	9.353	130	29517	20.034	ug/l	92
45) 1,2-Dichloropropane	9.623	63	33042	22.488	ug/l	98
46) Dibromomethane	9.706	93	24568	23.361	ug/l	100
47) Bromodichloromethane	9.888	83	51286	21.719	ug/l #	99
48) Methyl methacrylate	9.682	41	43493	22.613	ug/l	94
49) 1,4-Dioxane	9.700	88	15385	443.376	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	256510	116.597	ug/l	94
52) Toluene	10.629	92	80683	20.630	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	53389	22.010	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	55253	21.416	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	33214	23.698	ug/l	90
56) Ethyl methacrylate	10.876	69	57764	21.862	ug/l	90
57) 1,3-Dichloropropane	11.165	76	58197	23.296	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	120629	108.007	ug/l	97
59) 2-Hexanone	11.194	43	191829	112.709	ug/l	93
60) Dibromochloromethane	11.359	129	38829	22.914	ug/l	96
61) 1,2-Dibromoethane	11.470	107	34052	23.128	ug/l	99
64) Tetrachloroethene	11.106	164	24152	18.355	ug/l	95
65) Chlorobenzene	11.894	112	89907	20.477	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	33559	21.671	ug/l	98
67) Ethyl Benzene	11.964	91	155365	19.289	ug/l	95
68) m/p-Xylenes	12.070	106	111833	37.065	ug/l	95
69) o-Xylene	12.400	106	59006	19.829	ug/l	99
70) Styrene	12.412	104	99432	19.894	ug/l	97
71) Bromoform	12.576	173	25099	21.395	ug/l #	99
73) Isopropylbenzene	12.694	105	146893	16.667	ug/l	100
74) N-amyl acetate	12.494	43	77129	17.891	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	50652	20.319	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	46418m	20.071	ug/l	
77) Bromobenzene	12.982	156	34976	17.864	ug/l	90
78) n-propylbenzene	13.035	91	163773	16.137	ug/l	100
79) 2-Chlorotoluene	13.123	91	112935	17.552	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	124430	16.863	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18425	17.330	ug/l	93
82) 4-Chlorotoluene	13.223	91	110369	17.101	ug/l	97
83) tert-Butylbenzene	13.441	119	110523	16.913	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	129354	17.395	ug/l	99
85) sec-Butylbenzene	13.617	105	142616	15.995	ug/l	100
86) p-Isopropyltoluene	13.729	119	120447	16.360	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	65810	17.864	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	67500	18.174	ug/l	97
89) n-Butylbenzene	14.058	91	101269	15.875	ug/l	99
90) Hexachloroethane	14.335	117	24498	17.224	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	67656	18.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12006	19.848	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	34761	17.405	ug/l	97
94) Hexachlorobutadiene	15.500	225	13615	15.328	ug/l	98
95) Naphthalene	15.641	128	124761	17.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35593	18.011	ug/l	96

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

