

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044028.D
 Acq On : 27 Nov 2024 10:27
 Operator : JC/MD
 Sample : VX1127WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2024
 Supervised By : Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:41:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	106843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100231	54.695	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.400%			
35) Dibromofluoromethane	5.373	113	73794	53.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.080%			
50) Toluene-d8	8.647	98	252386	53.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.240%			
62) 4-Bromofluorobenzene	11.079	95	86716	53.629	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27495	20.314	ug/l	94
3) Chloromethane	1.294	50	26987	18.947	ug/l	99
4) Vinyl Chloride	1.374	62	29060	19.182	ug/l	100
5) Bromomethane	1.599	94	20720	22.232	ug/l	96
6) Chloroethane	1.666	64	21222	22.989	ug/l	99
7) Trichlorofluoromethane	1.874	101	53465	19.739	ug/l	98
8) Diethyl Ether	2.130	74	19864	20.121	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	26558	20.556	ug/l	98
10) Methyl Iodide	2.441	142	32784	20.317	ug/l	98
11) Tert butyl alcohol	2.995	59	30927	105.144	ug/l	99
12) 1,1-Dichloroethene	2.313	96	24109	19.583	ug/l	97
13) Acrolein	2.233	56	35136	113.329	ug/l	97
14) Allyl chloride	2.654	41	40607	20.186	ug/l	98
15) Acrylonitrile	3.062	53	77862	108.625	ug/l	100
16) Acetone	2.380	43	84832	100.790	ug/l	99
17) Carbon Disulfide	2.502	76	39530	15.566	ug/l #	94
18) Methyl Acetate	2.703	43	41426	21.135	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	96442	21.574	ug/l	99
20) Methylene Chloride	2.782	84	28993	20.299	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	24792	19.505	ug/l	99
22) Diisopropyl ether	3.757	45	93836	21.814	ug/l	91
23) Vinyl Acetate	3.715	43	393185	106.851	ug/l	100
24) 1,1-Dichloroethane	3.605	63	52965	21.343	ug/l	99
25) 2-Butanone	4.556	43	116345	107.130	ug/l	98
26) 2,2-Dichloropropane	4.465	77	46353	20.683	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	31844	20.268	ug/l	98
28) Bromochloromethane	4.885	49	25724	23.550	ug/l	100
29) Tetrahydrofuran	5.007	42	69973	105.096	ug/l	99
30) Chloroform	5.086	83	57229	21.442	ug/l	99
31) Cyclohexane	5.458	56	40860	20.006	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	49182	21.368	ug/l	99
36) 1,1-Dichloropropene	5.678	75	35415	20.619	ug/l	98
37) Ethyl Acetate	4.708	43	43844	20.564	ug/l	99
38) Carbon Tetrachloride	5.666	117	37602	19.484	ug/l	97
39) Methylcyclohexane	7.373	83	44056	19.744	ug/l	96
40) Benzene	6.025	78	111946	20.924	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	22392	20.520	ug/l	93
42) 1,2-Dichloroethane	6.080	62	45301	21.083	ug/l	98
43) Isopropyl Acetate	6.336	43	73293	21.601	ug/l	98
44) Trichloroethene	7.123	130	27471	18.138	ug/l	87
45) 1,2-Dichloropropane	7.428	63	27650	21.101	ug/l	96
46) Dibromomethane	7.580	93	21820	21.051	ug/l	98
47) Bromodichloromethane	7.818	83	39427	21.208	ug/l	95
48) Methyl methacrylate	7.690	41	32981	20.257	ug/l	99
49) 1,4-Dioxane	7.665	88	10873	374.909	ug/l	88
51) 4-Methyl-2-Pentanone	8.574	43	224664	108.502	ug/l	98
52) Toluene	8.714	92	67843	21.186	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	38544	20.332	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	42337	20.372	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	29041	21.970	ug/l	99
56) Ethyl methacrylate	9.116	69	42360	20.574	ug/l	97
57) 1,3-Dichloropropane	9.305	76	48650	21.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	96276	84.678	ug/l	98
59) 2-Hexanone	9.427	43	165931	106.618	ug/l	99
60) Dibromochloromethane	9.519	129	26588	20.047	ug/l	99
61) 1,2-Dibromoethane	9.604	107	28577	21.380	ug/l	98
64) Tetrachloroethene	9.269	164	22848	21.284	ug/l	98
65) Chlorobenzene	10.079	112	75049	20.989	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	25332	21.845	ug/l	97
67) Ethyl Benzene	10.189	91	127753	21.086	ug/l	96
68) m/p-Xylenes	10.299	106	95260	42.161	ug/l	98
69) o-Xylene	10.640	106	46330	21.001	ug/l	96
70) Styrene	10.653	104	77290	21.183	ug/l	99
71) Bromoform	10.799	173	14795	18.188	ug/l #	100
73) Isopropylbenzene	10.957	105	123185	21.473	ug/l	99
74) N-amyl acetate	10.842	43	56606	21.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	43345	22.067	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35313m	21.577	ug/l	
77) Bromobenzene	11.195	156	28883	21.106	ug/l	99
78) n-propylbenzene	11.305	91	138143	21.561	ug/l	98
79) 2-Chlorotoluene	11.360	91	85482	21.099	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	103509	21.932	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10067	16.785	ug/l	88
82) 4-Chlorotoluene	11.451	91	99072	21.660	ug/l	100
83) tert-Butylbenzene	11.713	119	100413	21.465	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	102845	21.888	ug/l	99
85) sec-Butylbenzene	11.890	105	123296	21.512	ug/l	100
86) p-Isopropyltoluene	12.006	119	104453	22.436	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	52068	20.890	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	52046	20.482	ug/l	96
89) n-Butylbenzene	12.329	91	88149	21.475	ug/l	98
90) Hexachloroethane	12.536	117	14370	18.152	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	53612	21.314	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7627	19.378	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29045	19.586	ug/l	99
94) Hexachlorobutadiene	13.719	225	12147	20.726	ug/l	99
95) Naphthalene	13.774	128	111128	20.818	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30605	20.390	ug/l	97

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

