

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044024.D
 Acq On : 27 Nov 2024 08:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 00:38:28 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	5.537	168	130547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	218884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	184783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105740	47.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.440%
35) Dibromofluoromethane	5.373	113	81072	51.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.680%
50) Toluene-d8	8.641	98	274377	50.892	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.780%
62) 4-Bromofluorobenzene	11.079	95	91711	49.983	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75311	45.538	ug/l	97
3) Chloromethane	1.294	50	80534	46.275	ug/l	100
4) Vinyl Chloride	1.374	62	82993	44.835	ug/l	99
5) Bromomethane	1.599	94	56349	49.483	ug/l	97
6) Chloroethane	1.666	64	55879	49.541	ug/l	99
7) Trichlorofluoromethane	1.874	101	146941	44.400	ug/l	96
8) Diethyl Ether	2.130	74	54109	44.858	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	74240	47.028	ug/l	99
10) Methyl Iodide	2.440	142	92802	47.069	ug/l	98
11) Tert butyl alcohol	2.995	59	81551	226.911	ug/l	99
12) 1,1-Dichloroethene	2.312	96	66795	44.403	ug/l	95
13) Acrolein	2.233	56	77197	203.784	ug/l	100
14) Allyl chloride	2.654	41	114657	46.647	ug/l	99
15) Acrylonitrile	3.056	53	208420	237.970	ug/l	98
16) Acetone	2.380	43	254666	247.633	ug/l	100
17) Carbon Disulfide	2.501	76	126471	40.758	ug/l	99
18) Methyl Acetate	2.697	43	111020	46.357	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	256756	47.008	ug/l	97
20) Methylene Chloride	2.782	84	78624	45.052	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	69531	44.770	ug/l	98
22) Diisopropyl ether	3.751	45	242068	46.056	ug/l	88
23) Vinyl Acetate	3.715	43	1076290	239.380	ug/l	99
24) 1,1-Dichloroethane	3.599	63	140775	46.428	ug/l	98
25) 2-Butanone	4.550	43	319354	240.666	ug/l	99
26) 2,2-Dichloropropane	4.465	77	127370	46.513	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	87873	45.773	ug/l	99
28) Bromochloromethane	4.885	49	64047	47.988	ug/l	97
29) Tetrahydrofuran	4.995	42	186406	229.138	ug/l	99
30) Chloroform	5.080	83	152301	46.702	ug/l	97
31) Cyclohexane	5.458	56	110939	44.455	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	134412	47.795	ug/l	99
36) 1,1-Dichloropropene	5.678	75	93645	48.048	ug/l	99
37) Ethyl Acetate	4.708	43	114449	47.306	ug/l	99
38) Carbon Tetrachloride	5.659	117	112105	51.191	ug/l	97
39) Methylcyclohexane	7.366	83	122366	48.328	ug/l	96
40) Benzene	6.025	78	294332	48.482	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	62598	50.554	ug/l	95
42) 1,2-Dichloroethane	6.074	62	117341	48.126	ug/l	98
43) Isopropyl Acetate	6.330	43	188495	48.957	ug/l	100
44) Trichloroethene	7.116	130	73684	42.874	ug/l	99
45) 1,2-Dichloropropane	7.421	63	75438	50.735	ug/l	97
46) Dibromomethane	7.574	93	59934	50.955	ug/l	99
47) Bromodichloromethane	7.811	83	110104	52.194	ug/l	100
48) Methyl methacrylate	7.683	41	89682	48.543	ug/l	98
49) 1,4-Dioxane	7.665	88	31598	960.155	ug/l	87
51) 4-Methyl-2-Pentanone	8.567	43	581863	247.644	ug/l	99
52) Toluene	8.714	92	181747	50.018	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	109813	51.048	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	118961	50.445	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	73258	48.840	ug/l	96
56) Ethyl methacrylate	9.116	69	116068	49.680	ug/l	99
57) 1,3-Dichloropropane	9.305	76	126674	50.133	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	300041	234.146	ug/l	100
59) 2-Hexanone	9.427	43	450164	254.904	ug/l	100
60) Dibromochloromethane	9.518	129	78916	52.438	ug/l	100
61) 1,2-Dibromoethane	9.604	107	76467	50.417	ug/l	99
64) Tetrachloroethene	9.269	164	62443	51.249	ug/l	97
65) Chlorobenzene	10.073	112	198983	49.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69620	52.895	ug/l	99
67) Ethyl Benzene	10.189	91	346780	50.427	ug/l	99
68) m/p-Xylenes	10.299	106	259750	101.285	ug/l	99
69) o-Xylene	10.640	106	126134	50.375	ug/l	99
70) Styrene	10.652	104	210843	50.911	ug/l	99
71) Bromoform	10.799	173	47573	47.741	ug/l #	99
73) Isopropylbenzene	10.957	105	336827	50.711	ug/l	99
74) N-amyl acetate	10.841	43	150540	48.925	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	112445	49.441	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93407m	49.294	ug/l	
77) Bromobenzene	11.195	156	78818	49.744	ug/l	98
78) n-propylbenzene	11.299	91	378104	50.969	ug/l	98
79) 2-Chlorotoluene	11.360	91	227955	48.595	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	276587	50.615	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33226	47.847	ug/l	98
82) 4-Chlorotoluene	11.451	91	263736	49.800	ug/l	99
83) tert-Butylbenzene	11.713	119	275397	50.846	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	275517	50.643	ug/l	100
85) sec-Butylbenzene	11.890	105	335675	50.583	ug/l	99
86) p-Isopropyltoluene	12.006	119	283919	52.671	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	143580	49.754	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	142164	48.319	ug/l	98
89) n-Butylbenzene	12.329	91	249177	52.430	ug/l	100
90) Hexachloroethane	12.536	117	46037	50.225	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	144679	49.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22768	49.961	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	85047	49.533	ug/l	99
94) Hexachlorobutadiene	13.725	225	33606	49.524	ug/l	97
95) Naphthalene	13.774	128	311649	50.423	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	88547	50.952	ug/l	95

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

