

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043136.D
 Acq On : 25 Sep 2024 08:32
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2024
 Supervised By : Mahesh Dadoda 09/26/2024

Quant Time: Sep 26 01:26:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	123675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	208894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	184064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98687	48.039	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.080%		
35) Dibromofluoromethane	5.379	113	75928	51.525	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.060%		
50) Toluene-d8	8.647	98	253491	50.845	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.700%		
62) 4-Bromofluorobenzene	11.079	95	102853	51.228	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65690	49.807	ug/l	99
3) Chloromethane	1.301	50	62430	46.364	ug/l	96
4) Vinyl Chloride	1.374	62	66485	48.608	ug/l	99
5) Bromomethane	1.605	94	39145m	49.747	ug/l	
6) Chloroethane	1.685	64	41873	47.815	ug/l	97
7) Trichlorofluoromethane	1.886	101	119186	49.092	ug/l	99
8) Diethyl Ether	2.130	74	40575	49.777	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	70542	51.478	ug/l	99
10) Methyl Iodide	2.453	142	81771	50.206	ug/l	100
11) Tert butyl alcohol	2.953	59	102694	223.893	ug/l	99
12) 1,1-Dichloroethene	2.319	96	64846	49.473	ug/l	99
13) Acrolein	2.239	56	8597	142.266	ug/l	90
14) Allyl chloride	2.660	41	116236	47.758	ug/l	100
15) Acrylonitrile	3.062	53	193456	243.147	ug/l	98
16) Acetone	2.380	43	215077	223.871	ug/l	99
17) Carbon Disulfide	2.514	76	150995	46.345	ug/l	100
18) Methyl Acetate	2.697	43	133604	51.668	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	247417	49.540	ug/l	99
20) Methylene Chloride	2.788	84	72219	47.249	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	66281	48.871	ug/l	97
22) Diisopropyl ether	3.757	45	223491	49.040	ug/l	95
23) Vinyl Acetate	3.715	43	1310416	244.435	ug/l	99
24) 1,1-Dichloroethane	3.605	63	131572	49.934	ug/l	99
25) 2-Butanone	4.550	43	285869	230.832	ug/l	99
26) 2,2-Dichloropropane	4.471	77	129771	48.661	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	82693	48.977	ug/l	99
28) Bromochloromethane	4.891	49	50502	43.541	ug/l	98
29) Tetrahydrofuran	4.995	42	171055	229.670	ug/l	100
30) Chloroform	5.086	83	140880	48.492	ug/l	97
31) Cyclohexane	5.464	56	99700	49.350	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	131950	47.947	ug/l	99
36) 1,1-Dichloropropene	5.690	75	91141	50.334	ug/l	98
37) Ethyl Acetate	4.708	43	106548	46.846	ug/l	99
38) Carbon Tetrachloride	5.672	117	111625	47.856	ug/l	98
39) Methylcyclohexane	7.373	83	111846	49.218	ug/l	98
40) Benzene	6.031	78	265915	49.769	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59625	52.733	ug/l	98
42) 1,2-Dichloroethane	6.080	62	111073	48.959	ug/l	100
43) Isopropyl Acetate	6.336	43	185962	48.952	ug/l	100
44) Trichloroethene	7.123	130	73185	50.061	ug/l	97
45) 1,2-Dichloropropane	7.421	63	67099	50.418	ug/l	95
46) Dibromomethane	7.574	93	55429	49.463	ug/l	98
47) Bromodichloromethane	7.818	83	115812	49.699	ug/l	96
48) Methyl methacrylate	7.690	41	88851	47.618	ug/l	99
49) 1,4-Dioxane	7.653	88	35249	1000.697	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	558637	239.371	ug/l	100
52) Toluene	8.714	92	170809	49.641	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	118227	49.424	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	120499	50.441	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	70847	50.007	ug/l	97
56) Ethyl methacrylate	9.110	69	122859	49.835	ug/l	100
57) 1,3-Dichloropropane	9.305	76	118021	48.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	257134	257.956	ug/l	99
59) 2-Hexanone	9.427	43	435858	238.848	ug/l	99
60) Dibromochloromethane	9.519	129	90360	48.839	ug/l	98
61) 1,2-Dibromoethane	9.604	107	75926	48.979	ug/l	99
64) Tetrachloroethene	9.269	164	63680	47.749	ug/l	98
65) Chlorobenzene	10.073	112	197172	49.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72070	49.208	ug/l	99
67) Ethyl Benzene	10.189	91	344762	50.194	ug/l	100
68) m/p-Xylenes	10.299	106	256854	100.487	ug/l	99
69) o-Xylene	10.640	106	126398	49.302	ug/l	99
70) Styrene	10.652	104	220729	51.614	ug/l	99
71) Bromoform	10.799	173	63957	49.650	ug/l #	99
73) Isopropylbenzene	10.957	105	339398	50.198	ug/l	100
74) N-amyl acetate	10.841	43	158572	49.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	106718	49.051	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96956m	50.584	ug/l	
77) Bromobenzene	11.195	156	82117	50.592	ug/l	99
78) n-propylbenzene	11.299	91	395290	51.531	ug/l	100
79) 2-Chlorotoluene	11.360	91	236282	49.110	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	279160	49.903	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	40183	49.949	ug/l	96
82) 4-Chlorotoluene	11.451	91	279652	50.852	ug/l	99
83) tert-Butylbenzene	11.713	119	287535	49.882	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	281580	50.595	ug/l	100
85) sec-Butylbenzene	11.890	105	356938	50.383	ug/l	99
86) p-Isopropyltoluene	12.006	119	297693	50.613	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	152243	51.442	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	151702	51.117	ug/l	98
89) n-Butylbenzene	12.329	91	273759	53.406	ug/l	100
90) Hexachloroethane	12.536	117	59842	51.052	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	145211	49.822	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27350	46.496	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	95534	52.869	ug/l	99
94) Hexachlorobutadiene	13.725	225	35810	47.168	ug/l	99
95) Naphthalene	13.774	128	313141	49.857	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	91651	51.050	ug/l	98

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

