

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043109.D
 Acq On : 24 Sep 2024 09:30
 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 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:19:12 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	5.550	168	121581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93825	46.459	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.920%		
35) Dibromofluoromethane	5.379	113	70312	49.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.300%		
50) Toluene-d8	8.647	98	240587	49.712	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	98061	50.314	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62520	48.220	ug/l	98
3) Chloromethane	1.294	50	58337	44.070	ug/l	99
4) Vinyl Chloride	1.374	62	62274	46.313	ug/l	99
5) Bromomethane	1.599	94	38332	49.553	ug/l	98
6) Chloroethane	1.685	64	39593	45.990	ug/l	99
7) Trichlorofluoromethane	1.886	101	111785	46.836	ug/l	96
8) Diethyl Ether	2.136	74	37620	46.947	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	67146	49.844	ug/l	97
10) Methyl Iodide	2.453	142	74770	46.698	ug/l	99
11) Tert butyl alcohol	2.959	59	102303	226.882	ug/l	100
12) 1,1-Dichloroethene	2.319	96	61205	47.499	ug/l	100
13) Acrolein	2.233	56	8267	139.162	ug/l	93
14) Allyl chloride	2.660	41	107867	45.083	ug/l	98
15) Acrylonitrile	3.062	53	180325	230.547	ug/l	99
16) Acetone	2.380	43	207861	220.086	ug/l	99
17) Carbon Disulfide	2.514	76	145431	45.406	ug/l	100
18) Methyl Acetate	2.703	43	123814	48.707	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	231255	47.101	ug/l	99
20) Methylene Chloride	2.788	84	67618	45.001	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	62124	46.594	ug/l	96
22) Diisopropyl ether	3.757	45	210576	47.002	ug/l	95
23) Vinyl Acetate	3.715	43	1228103	233.027	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122376	47.244	ug/l	99
25) 2-Butanone	4.550	43	274774	225.694	ug/l	99
26) 2,2-Dichloropropane	4.471	77	126019	48.068	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	78154	47.086	ug/l	100
28) Bromochloromethane	4.891	49	49671	43.562	ug/l	99
29) Tetrahydrofuran	4.995	42	162567	222.033	ug/l	99
30) Chloroform	5.086	83	132423	46.366	ug/l	98
31) Cyclohexane	5.464	56	93590	47.123	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	125137	46.254	ug/l	99
36) 1,1-Dichloropropene	5.690	75	86605	49.271	ug/l	98
37) Ethyl Acetate	4.708	43	99464	45.050	ug/l	99
38) Carbon Tetrachloride	5.672	117	108566	47.948	ug/l	99
39) Methylcyclohexane	7.379	83	108451	49.163	ug/l	98
40) Benzene	6.031	78	252171	48.619	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54988	50.098	ug/l	99
42) 1,2-Dichloroethane	6.080	62	106030	48.145	ug/l	100
43) Isopropyl Acetate	6.336	43	175300	47.536	ug/l	100
44) Trichloroethene	7.123	130	69586	49.034	ug/l	98
45) 1,2-Dichloropropane	7.427	63	63521	49.169	ug/l	99
46) Dibromomethane	7.574	93	52176	47.963	ug/l	99
47) Bromodichloromethane	7.818	83	109908	48.588	ug/l	97
48) Methyl methacrylate	7.690	41	85889	47.418	ug/l	98
49) 1,4-Dioxane	7.653	88	34700	1014.809	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	536803	236.949	ug/l	100
52) Toluene	8.714	92	162511	48.653	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	114091	49.133	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	115055	49.614	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	67393	49.003	ug/l	97
56) Ethyl methacrylate	9.116	69	116921	48.856	ug/l	100
57) 1,3-Dichloropropane	9.305	76	112197	47.965	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	244189	252.354	ug/l	99
59) 2-Hexanone	9.427	43	425030	239.936	ug/l	99
60) Dibromochloromethane	9.519	129	86647	48.244	ug/l	99
61) 1,2-Dibromoethane	9.604	107	72369	48.092	ug/l	99
64) Tetrachloroethene	9.269	164	60823	46.664	ug/l	97
65) Chlorobenzene	10.079	112	188498	48.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	70988	49.592	ug/l	99
67) Ethyl Benzene	10.189	91	331877	49.438	ug/l	99
68) m/p-Xylenes	10.299	106	249833	100.004	ug/l	100
69) o-Xylene	10.640	106	122523	48.898	ug/l	98
70) Styrene	10.652	104	212487	50.838	ug/l	99
71) Bromoform	10.799	173	62461	49.612	ug/l #	98
73) Isopropylbenzene	10.957	105	329976	48.519	ug/l	100
74) N-amyl acetate	10.841	43	153757	48.117	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	103409	47.252	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92523m	47.989	ug/l	
77) Bromobenzene	11.195	156	80099	49.060	ug/l	99
78) n-propylbenzene	11.305	91	381112	49.392	ug/l	100
79) 2-Chlorotoluene	11.360	91	229255	47.370	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	278695	49.529	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38749	47.885	ug/l	99
82) 4-Chlorotoluene	11.451	91	271164	49.020	ug/l	99
83) tert-Butylbenzene	11.713	119	280866	48.440	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	275926	49.289	ug/l	99
85) sec-Butylbenzene	11.890	105	352564	49.474	ug/l	99
86) p-Isopropyltoluene	12.006	119	295456	49.939	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	148728	49.960	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	145578	48.766	ug/l	100
89) n-Butylbenzene	12.329	91	273388	53.022	ug/l	100
90) Hexachloroethane	12.536	117	59026	50.061	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	142489	48.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27125	45.844	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	90983	50.056	ug/l	97
94) Hexachlorobutadiene	13.725	225	39190	51.318	ug/l	99
95) Naphthalene	13.774	128	307687	48.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	90361	50.037	ug/l	99

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

