

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043389.D
 Acq On : 15 Oct 2024 08:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 16 07:12:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/16/2024
 Supervised By : Mahesh Dadoda 10/16/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	108973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85727	48.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.340%		
35) Dibromofluoromethane	5.379	113	62501	48.319	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.640%		
50) Toluene-d8	8.647	98	211515	47.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.380%		
62) 4-Bromofluorobenzene	11.079	95	80437	49.393	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64331	50.752	ug/l	95
3) Chloromethane	1.294	50	65503	50.176	ug/l	100
4) Vinyl Chloride	1.380	62	66349	50.740	ug/l	99
5) Bromomethane	1.599	94	26116	48.885	ug/l	97
6) Chloroethane	1.666	64	24628	50.576	ug/l	98
7) Trichlorofluoromethane	1.873	101	106185	54.349	ug/l	97
8) Diethyl Ether	2.136	74	37952	49.916	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	62335	51.126	ug/l	99
10) Methyl Iodide	2.447	142	80120	52.319	ug/l	98
11) Tert butyl alcohol	2.995	59	89719	264.918	ug/l	100
12) 1,1-Dichloroethene	2.312	96	57171	47.220	ug/l	96
13) Acrolein	2.239	56	67309	210.426	ug/l	100
14) Allyl chloride	2.660	41	101728	51.142	ug/l	100
15) Acrylonitrile	3.068	53	172095	248.859	ug/l	99
16) Acetone	2.386	43	218980	294.639	ug/l	99
17) Carbon Disulfide	2.508	76	132981	45.156	ug/l	98
18) Methyl Acetate	2.703	43	87345	46.848	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	223165	51.520	ug/l	99
20) Methylene Chloride	2.788	84	67352	49.150	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	60202	49.961	ug/l	94
22) Diisopropyl ether	3.757	45	207553	51.877	ug/l	95
23) Vinyl Acetate	3.715	43	935135	205.487	ug/l	99
24) 1,1-Dichloroethane	3.605	63	117943	50.602	ug/l	99
25) 2-Butanone	4.556	43	269632	264.591	ug/l	98
26) 2,2-Dichloropropane	4.464	77	115837	52.235	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	75464	50.216	ug/l	99
28) Bromochloromethane	4.891	49	41475	45.104	ug/l	98
29) Tetrahydrofuran	5.001	42	152177	234.414	ug/l	99
30) Chloroform	5.086	83	129018	50.405	ug/l	99
31) Cyclohexane	5.458	56	94951	49.445	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	116150	49.404	ug/l	99
36) 1,1-Dichloropropene	5.684	75	81547	49.903	ug/l	100
37) Ethyl Acetate	4.714	43	97146	49.504	ug/l	100
38) Carbon Tetrachloride	5.672	117	98720	51.031	ug/l	97
39) Methylcyclohexane	7.372	83	106118	51.633	ug/l	98
40) Benzene	6.031	78	250031	50.466	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53003	51.887	ug/l	98
42) 1,2-Dichloroethane	6.080	62	104658	51.838	ug/l	100
43) Isopropyl Acetate	6.336	43	165550	51.075	ug/l	99
44) Trichloroethene	7.123	130	64718	49.249	ug/l	99
45) 1,2-Dichloropropane	7.427	63	61689	50.737	ug/l	96
46) Dibromomethane	7.574	93	50504	51.837	ug/l	97
47) Bromodichloromethane	7.818	83	100557	52.497	ug/l	99
48) Methyl methacrylate	7.689	41	81492	51.241	ug/l	98
49) 1,4-Dioxane	7.665	88	29296	947.631	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	488728	248.262	ug/l	100
52) Toluene	8.714	92	160528	51.698	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	103312	54.277	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	106792	52.311	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	63578	51.520	ug/l	98
56) Ethyl methacrylate	9.116	69	107420	53.243	ug/l	98
57) 1,3-Dichloropropane	9.305	76	107526	51.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	239165	262.990	ug/l	100
59) 2-Hexanone	9.427	43	380111	255.333	ug/l	100
60) Dibromochloromethane	9.518	129	74451	52.005	ug/l	99
61) 1,2-Dibromoethane	9.604	107	67924	51.230	ug/l	99
64) Tetrachloroethene	9.268	164	57200	50.605	ug/l	95
65) Chlorobenzene	10.079	112	174399	49.798	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	63175	51.015	ug/l	99
67) Ethyl Benzene	10.189	91	306332	50.606	ug/l	99
68) m/p-Xylenes	10.299	106	229255	100.216	ug/l	98
69) o-Xylene	10.640	106	113221	49.807	ug/l	98
70) Styrene	10.652	104	188371	51.132	ug/l	99
71) Bromoform	10.799	173	47121	49.672	ug/l #	99
73) Isopropylbenzene	10.957	105	293050	49.843	ug/l	100
74) N-amyl acetate	10.841	43	136401	48.871	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	94805	49.497	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82014m	48.894	ug/l	
77) Bromobenzene	11.195	156	69713	48.723	ug/l	99
78) n-propylbenzene	11.305	91	336138	52.079	ug/l	99
79) 2-Chlorotoluene	11.360	91	204372	49.252	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	244373	50.386	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	32328	49.948	ug/l	97
82) 4-Chlorotoluene	11.451	91	237023	50.142	ug/l	99
83) tert-Butylbenzene	11.713	119	246247	49.282	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	245845	50.379	ug/l	98
85) sec-Butylbenzene	11.890	105	300951	50.808	ug/l	99
86) p-Isopropyltoluene	12.006	119	253379	51.272	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	127803	50.706	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	126514	48.687	ug/l	99
89) n-Butylbenzene	12.329	91	222764	53.843	ug/l	100
90) Hexachloroethane	12.536	117	46533	50.207	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	126435	49.051	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21937	46.910	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	78827	53.047	ug/l	99
94) Hexachlorobutadiene	13.725	225	31763	53.920	ug/l	99
95) Naphthalene	13.774	128	267786	49.020	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	77516	50.559	ug/l	99

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

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