

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100824\
 Data File : VX043311.D
 Acq On : 08 Oct 2024 09:13
 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 09 01:30:59 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 10/09/2024
 Supervised By : Mahesh Dadoda 10/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	113353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92253	49.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	5.379	113	67809	51.012	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.020%		
50) Toluene-d8	8.647	98	231290	50.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.420%		
62) 4-Bromofluorobenzene	11.079	95	86336	51.590	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59320	44.990	ug/l	96
3) Chloromethane	1.294	50	56489	41.599	ug/l	97
4) Vinyl Chloride	1.374	62	59834	43.990	ug/l	99
5) Bromomethane	1.599	94	24754	44.545	ug/l	100
6) Chloroethane	1.666	64	24580	48.527	ug/l	99
7) Trichlorofluoromethane	1.873	101	90670	44.615	ug/l	99
8) Diethyl Ether	2.136	74	36445	46.082	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	61024	48.117	ug/l	99
10) Methyl Iodide	2.447	142	72141	45.288	ug/l	100
11) Tert butyl alcohol	2.989	59	89980	255.423	ug/l	99
12) 1,1-Dichloroethene	2.312	96	55433	44.015	ug/l	97
13) Acrolein	2.239	56	69612	209.217	ug/l	100
14) Allyl chloride	2.654	41	97449	47.098	ug/l	98
15) Acrylonitrile	3.068	53	171541	238.472	ug/l	100
16) Acetone	2.386	43	199950	258.638	ug/l	99
17) Carbon Disulfide	2.501	76	123039	40.166	ug/l	97
18) Methyl Acetate	2.703	43	104707	53.990	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	216883	48.135	ug/l	100
20) Methylene Chloride	2.782	84	63457	44.518	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	57943	46.229	ug/l	96
22) Diisopropyl ether	3.763	45	201067	48.314	ug/l	93
23) Vinyl Acetate	3.721	43	1215418	252.310	ug/l	100
24) 1,1-Dichloroethane	3.605	63	115713	47.727	ug/l	99
25) 2-Butanone	4.556	43	263301	248.395	ug/l	100
26) 2,2-Dichloropropane	4.465	77	115206	49.943	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	74082	47.392	ug/l	99
28) Bromochloromethane	4.897	49	41244	43.120	ug/l	100
29) Tetrahydrofuran	5.001	42	157565	233.335	ug/l	99
30) Chloroform	5.086	83	125361	47.084	ug/l	97
31) Cyclohexane	5.458	56	87057	43.582	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	115417	47.196	ug/l	100
36) 1,1-Dichloropropene	5.684	75	78121	46.520	ug/l	99
37) Ethyl Acetate	4.714	43	97347	48.272	ug/l	99
38) Carbon Tetrachloride	5.672	117	96814	48.700	ug/l	95
39) Methylcyclohexane	7.373	83	101423	48.021	ug/l	98
40) Benzene	6.031	78	241082	47.351	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53434	50.902	ug/l	97
42) 1,2-Dichloroethane	6.080	62	102273	49.294	ug/l	99
43) Isopropyl Acetate	6.336	43	164850	49.491	ug/l	100
44) Trichloroethene	7.123	130	62914	46.588	ug/l	94
45) 1,2-Dichloropropane	7.427	63	61062	48.870	ug/l	96
46) Dibromomethane	7.580	93	48540	48.481	ug/l	99
47) Bromodichloromethane	7.818	83	98413	49.996	ug/l	98
48) Methyl methacrylate	7.690	41	79878	48.875	ug/l	100
49) 1,4-Dioxane	7.659	88	32992	1038.477	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	502184	248.235	ug/l	99
52) Toluene	8.714	92	152726	47.862	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	100287	51.271	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	105644	50.357	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	61573	48.553	ug/l	98
56) Ethyl methacrylate	9.116	69	104664	50.482	ug/l	100
57) 1,3-Dichloropropane	9.305	76	104610	48.433	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	244228	261.333	ug/l	100
59) 2-Hexanone	9.427	43	389590	254.661	ug/l	100
60) Dibromochloromethane	9.518	129	73138	49.713	ug/l	98
61) 1,2-Dibromoethane	9.610	107	66051	48.477	ug/l	99
64) Tetrachloroethene	9.269	164	54896	47.922	ug/l	96
65) Chlorobenzene	10.079	112	168557	47.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	62303	49.643	ug/l	98
67) Ethyl Benzene	10.189	91	298580	48.670	ug/l	99
68) m/p-Xylenes	10.299	106	222587	96.009	ug/l	99
69) o-Xylene	10.640	106	110755	48.075	ug/l	97
70) Styrene	10.652	104	186507	49.954	ug/l	100
71) Bromoform	10.799	173	49655	51.648	ug/l #	100
73) Isopropylbenzene	10.963	105	288584	47.438	ug/l	99
74) N-amyl acetate	10.841	43	136453	47.251	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	94824	47.848	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	82783m	47.698	ug/l	
77) Bromobenzene	11.195	156	69807	47.153	ug/l	100
78) n-propylbenzene	11.305	91	329477	49.335	ug/l	100
79) 2-Chlorotoluene	11.360	91	200205	46.630	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	242166	48.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33377	49.840	ug/l	97
82) 4-Chlorotoluene	11.451	91	235193	48.087	ug/l	100
83) tert-Butylbenzene	11.713	119	246971	47.770	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	243785	48.282	ug/l	98
85) sec-Butylbenzene	11.890	105	302555	49.366	ug/l	99
86) p-Isopropyltoluene	12.006	119	254257	49.725	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	127287	48.809	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	125203	46.567	ug/l	99
89) n-Butylbenzene	12.329	91	221252	51.684	ug/l	99
90) Hexachloroethane	12.536	117	47810	49.856	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	125424	47.028	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22843	47.210	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	77858	50.638	ug/l	100
94) Hexachlorobutadiene	13.725	225	31056	50.952	ug/l	96
95) Naphthalene	13.774	128	271522	48.038	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	78197	49.293	ug/l	98

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

