

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043326.D
 Acq On : 09 Oct 2024 09:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:25:11 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	104541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88760	51.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	5.379	113	64757	52.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.340%			
50) Toluene-d8	8.647	98	220812	51.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.640%			
62) 4-Bromofluorobenzene	11.079	95	82702	53.428	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58828	48.378	ug/l	96
3) Chloromethane	1.294	50	56050	44.755	ug/l	99
4) Vinyl Chloride	1.374	62	59001	47.034	ug/l	99
5) Bromomethane	1.599	94	25226	49.221	ug/l	96
6) Chloroethane	1.666	64	23451	50.201	ug/l	98
7) Trichlorofluoromethane	1.873	101	92349	49.271	ug/l	100
8) Diethyl Ether	2.136	74	37522	51.443	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	62279	53.246	ug/l	98
10) Methyl Iodide	2.447	142	70801	48.193	ug/l	100
11) Tert butyl alcohol	2.989	59	98078	301.878	ug/l	99
12) 1,1-Dichloroethene	2.312	96	55331	47.638	ug/l	96
13) Acrolein	2.239	56	66189	215.697	ug/l	99
14) Allyl chloride	2.660	41	96541	50.592	ug/l	100
15) Acrylonitrile	3.068	53	174279	262.701	ug/l	100
16) Acetone	2.386	43	202351	283.807	ug/l	99
17) Carbon Disulfide	2.501	76	117379	41.548	ug/l	98
18) Methyl Acetate	2.703	43	108120	60.449	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	221260	53.246	ug/l	98
20) Methylene Chloride	2.782	84	64680	49.201	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	57052	49.355	ug/l	94
22) Diisopropyl ether	3.763	45	205278	53.484	ug/l	94
23) Vinyl Acetate	3.721	43	1227860	274.323	ug/l	100
24) 1,1-Dichloroethane	3.605	63	117350	52.482	ug/l	99
25) 2-Butanone	4.562	43	266919	273.034	ug/l	100
26) 2,2-Dichloropropane	4.465	77	114786	53.955	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	73275	50.827	ug/l	98
28) Bromochloromethane	4.891	49	37626	42.653	ug/l	99
29) Tetrahydrofuran	5.007	42	161086	258.658	ug/l	99
30) Chloroform	5.086	83	126612	51.562	ug/l	100
31) Cyclohexane	5.464	56	88195	47.874	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	116047	51.453	ug/l	100
36) 1,1-Dichloropropene	5.684	75	79384	51.108	ug/l	99
37) Ethyl Acetate	4.714	43	100446	53.850	ug/l	98
38) Carbon Tetrachloride	5.672	117	97495	53.021	ug/l	97
39) Methylcyclohexane	7.373	83	101942	52.183	ug/l	98
40) Benzene	6.031	78	243007	51.601	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52882	54.463	ug/l	96
42) 1,2-Dichloroethane	6.080	62	103946	54.166	ug/l	99
43) Isopropyl Acetate	6.336	43	169455	55.001	ug/l	99
44) Trichloroethene	7.116	130	63256	50.642	ug/l	94
45) 1,2-Dichloropropane	7.427	63	62214	53.832	ug/l	95
46) Dibromomethane	7.574	93	50164	54.168	ug/l	99
47) Bromodichloromethane	7.818	83	99743	54.783	ug/l	98
48) Methyl methacrylate	7.690	41	81449	53.879	ug/l	99
49) 1,4-Dioxane	7.659	88	31798	1082.102	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	517912	276.781	ug/l	100
52) Toluene	8.714	92	156408	52.993	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	102109	56.438	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	107131	55.209	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	63707	54.312	ug/l	99
56) Ethyl methacrylate	9.116	69	107122	55.859	ug/l	99
57) 1,3-Dichloropropane	9.305	76	107261	53.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	241154	278.980	ug/l	100
59) 2-Hexanone	9.427	43	399365	282.231	ug/l	100
60) Dibromochloromethane	9.518	129	75247	55.297	ug/l	100
61) 1,2-Dibromoethane	9.610	107	67121	53.260	ug/l	99
64) Tetrachloroethene	9.269	164	55132	51.878	ug/l	97
65) Chlorobenzene	10.079	112	174028	52.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	63874	54.861	ug/l	99
67) Ethyl Benzene	10.189	91	306476	53.851	ug/l	100
68) m/p-Xylenes	10.299	106	227473	105.763	ug/l	100
69) o-Xylene	10.640	106	112449	52.615	ug/l	99
70) Styrene	10.652	104	189587	54.736	ug/l	100
71) Bromoform	10.799	173	49162	55.121	ug/l #	100
73) Isopropylbenzene	10.963	105	294352	51.807	ug/l	99
74) N-amyl acetate	10.841	43	140061	51.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	96475	52.122	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	84803m	52.316	ug/l	
77) Bromobenzene	11.195	156	70179	50.755	ug/l	98
78) n-propylbenzene	11.305	91	335203	53.741	ug/l	100
79) 2-Chlorotoluene	11.366	91	205833	51.330	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	244681	52.205	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33403	53.405	ug/l	97
82) 4-Chlorotoluene	11.451	91	238862	52.290	ug/l	100
83) tert-Butylbenzene	11.713	119	249783	51.729	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	247434	52.469	ug/l	100
85) sec-Butylbenzene	11.890	105	306612	53.565	ug/l	99
86) p-Isopropyltoluene	12.006	119	257652	53.951	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	127400	52.305	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	129892	51.726	ug/l	98
89) n-Butylbenzene	12.329	91	225555	56.414	ug/l	99
90) Hexachloroethane	12.536	117	49143	54.869	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	129172	51.857	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23960	53.019	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	80730	56.218	ug/l	99
94) Hexachlorobutadiene	13.725	225	33222	58.359	ug/l	98
95) Naphthalene	13.774	128	282232	53.462	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81743	55.171	ug/l	98

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

