

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043369.D
 Acq On : 14 Oct 2024 09:16
 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 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 01:38:58 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	108690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87694	49.403	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.800%		
35) Dibromofluoromethane	5.379	113	65496	51.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.100%		
50) Toluene-d8	8.647	98	214216	48.650	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.300%		
62) 4-Bromofluorobenzene	11.079	95	80318	50.210	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	63516	50.239	ug/l	99
3) Chloromethane	1.295	50	63391	48.685	ug/l	99
4) Vinyl Chloride	1.374	62	65904	50.531	ug/l	96
5) Bromomethane	1.599	94	26155	49.086	ug/l	99
6) Chloroethane	1.666	64	24264	49.958	ug/l	98
7) Trichlorofluoromethane	1.868	101	94052	48.264	ug/l	96
8) Diethyl Ether	2.136	74	37246	49.115	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	64411	52.966	ug/l	99
10) Methyl Iodide	2.441	142	75242	49.261	ug/l	100
11) Tert butyl alcohol	2.995	59	87197m	258.142	ug/l	
12) 1,1-Dichloroethene	2.307	96	59118	48.955	ug/l	94
13) Acrolein	2.240	56	74822	234.523	ug/l	95
14) Allyl chloride	2.660	41	98360	49.578	ug/l	99
15) Acrylonitrile	3.069	53	171252	248.284	ug/l	99
16) Acetone	2.392	43	213565	288.101	ug/l	99
17) Carbon Disulfide	2.502	76	142590	48.545	ug/l	96
18) Methyl Acetate	2.703	43	86376	46.449	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	222860	51.583	ug/l	98
20) Methylene Chloride	2.782	84	66073	48.342	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	62327	51.860	ug/l	97
22) Diisopropyl ether	3.764	45	205226	51.429	ug/l	89
23) Vinyl Acetate	3.715	43	854835m	189.585	ug/l	
24) 1,1-Dichloroethane	3.605	63	121540	52.281	ug/l	100
25) 2-Butanone	4.562	43	268779	264.441	ug/l	99
26) 2,2-Dichloropropane	4.465	77	121181	54.787	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	76771	51.219	ug/l	99
28) Bromochloromethane	4.891	49	36561	39.864	ug/l	96
29) Tetrahydrofuran	5.007	42	159384	246.155	ug/l	99
30) Chloroform	5.087	83	128659	50.396	ug/l	99
31) Cyclohexane	5.458	56	97158	50.726	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	121558	51.839	ug/l	100
36) 1,1-Dichloropropene	5.684	75	84598	52.703	ug/l	99
37) Ethyl Acetate	4.715	43	99441	51.587	ug/l	99
38) Carbon Tetrachloride	5.666	117	101801	53.573	ug/l	100
39) Methylcyclohexane	7.373	83	111370	55.165	ug/l	97
40) Benzene	6.032	78	253939	52.179	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52856	52.676	ug/l	98
42) 1,2-Dichloroethane	6.080	62	104503	52.695	ug/l	100
43) Isopropyl Acetate	6.342	43	162667	51.091	ug/l	99
44) Trichloroethene	7.117	130	66274	51.342	ug/l	97
45) 1,2-Dichloropropane	7.422	63	60281	50.473	ug/l	96
46) Dibromomethane	7.574	93	49592	51.818	ug/l	99
47) Bromodichloromethane	7.818	83	99341	52.798	ug/l	100
48) Methyl methacrylate	7.690	41	80591	51.588	ug/l	99
49) 1,4-Dioxane	7.665	88	23450	772.209	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	494946	255.954	ug/l	99
52) Toluene	8.714	92	157474	51.628	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	102001	54.555	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	107396	53.556	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	61680	50.884	ug/l	99
56) Ethyl methacrylate	9.116	69	104830	52.896	ug/l	99
57) 1,3-Dichloropropane	9.305	76	105982	51.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	230536	258.072	ug/l	99
59) 2-Hexanone	9.427	43	386187	264.092	ug/l	100
60) Dibromochloromethane	9.519	129	74450	52.942	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66727	51.235	ug/l	99
64) Tetrachloroethene	9.269	164	57845	53.654	ug/l	95
65) Chlorobenzene	10.080	112	172491	51.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	62834	53.197	ug/l	99
67) Ethyl Benzene	10.189	91	303490	52.564	ug/l	99
68) m/p-Xylenes	10.299	106	227655	104.336	ug/l	99
69) o-Xylene	10.640	106	111552	51.449	ug/l	99
70) Styrene	10.653	104	187310	53.307	ug/l	100
71) Bromoform	10.799	173	48995	54.149	ug/l #	99
73) Isopropylbenzene	10.957	105	291048	51.358	ug/l	99
74) N-amyl acetate	10.842	43	137218	51.006	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	94147	50.996	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83212m	51.467	ug/l	
77) Bromobenzene	11.195	156	69282	50.236	ug/l	99
78) n-propylbenzene	11.305	91	334503	53.768	ug/l	100
79) 2-Chlorotoluene	11.366	91	203523	50.885	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	243122	52.007	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33669	53.970	ug/l	98
82) 4-Chlorotoluene	11.451	91	236263	51.855	ug/l	99
83) tert-Butylbenzene	11.713	119	247344	51.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	244485	51.978	ug/l	99
85) sec-Butylbenzene	11.890	105	299609	52.477	ug/l	100
86) p-Isopropyltoluene	12.006	119	254680	53.467	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	127679	52.556	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	125662	50.171	ug/l	99
89) n-Butylbenzene	12.329	91	223939	56.155	ug/l	99
90) Hexachloroethane	12.536	117	48310	54.078	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	125019	50.320	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23689	52.555	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	76529	53.430	ug/l	98
94) Hexachlorobutadiene	13.725	225	32206	56.721	ug/l	99
95) Naphthalene	13.774	128	270262	51.328	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	79515	53.806	ug/l	99

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

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