

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041720.D
 Acq On : 03 Jun 2024 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 04 00:56:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

06/04/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	168635	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	256557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125417	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	113542	54.898	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.800%	
35) Dibromofluoromethane	5.385	113	90938	51.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	8.647	98	302124	48.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	11.079	95	114002	49.836	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.680%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	68370	46.141	ug/l	99
3) Chloromethane	1.300	50	81971	50.702	ug/l	99
4) Vinyl Chloride	1.374	62	81591	49.024	ug/l	99
5) Bromomethane	1.599	94	56381	48.642	ug/l	100
6) Chloroethane	1.660	64	47710	47.428	ug/l	96
7) Trichlorofluoromethane	1.861	101	128992	47.462	ug/l	100
8) Diethyl Ether	2.136	74	55858	53.327	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.312	101	66782	43.365	ug/l	89
10) Methyl Iodide	2.440	142	104844	54.596	ug/l	91
11) Tert butyl alcohol	3.007	59	108538	296.654	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	73039	48.588	ug/l	86
13) Acrolein	2.239	56	85213	250.140	ug/l	98
14) Allyl chloride	2.654	41	127331	51.489	ug/l	98
15) Acrylonitrile	3.074	53	257286	286.741	ug/l	99
16) Acetone	2.398	43	242157	272.150	ug/l	97
17) Carbon Disulfide	2.495	76	152884	45.975	ug/l	98
18) Methyl Acetate	2.709	43	117398	59.446	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	279520	55.578	ug/l	100
20) Methylene Chloride	2.782	84	90403	48.843	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	76979	49.357	ug/l	89
22) Diisopropyl ether	3.769	45	277666	54.940	ug/l	87
23) Vinyl Acetate	3.727	43	1284053	282.806	ug/l	96
24) 1,1-Dichloroethane	3.605	63	149370	52.267	ug/l	98
25) 2-Butanone	4.568	43	377021	293.301	ug/l	98
26) 2,2-Dichloropropane	4.471	77	87681	37.395	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	97596	52.348	ug/l	89
28) Bromochloromethane	4.897	49	67164	54.567	ug/l	# 81
29) Tetrahydrofuran	5.013	42	239371	295.277	ug/l	96
30) Chloroform	5.092	83	160009	53.328	ug/l	96
31) Cyclohexane	5.464	56	102479	41.968	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	133758	50.870	ug/l	98
36) 1,1-Dichloropropene	5.690	75	93660	43.607	ug/l	95
37) Ethyl Acetate	4.727	43	145722	53.760	ug/l	100
38) Carbon Tetrachloride	5.672	117	109119	44.717	ug/l	99
39) Methylcyclohexane	7.379	83	107848	40.871	ug/l	93
40) Benzene	6.037	78	326721	48.667	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	78334	59.091	ug/l	97
42) 1,2-Dichloroethane	6.086	62	128102	51.114	ug/l	97
43) Isopropyl Acetate	6.348	43	223581	54.633	ug/l	99
44) Trichloroethene	7.123	130	85291	46.713	ug/l	90
45) 1,2-Dichloropropane	7.427	63	80628	50.512	ug/l	99
46) Dibromomethane	7.580	93	64710	52.855	ug/l #	81
47) Bromodichloromethane	7.824	83	119576	52.748	ug/l	98
48) Methyl methacrylate	7.696	41	111275	56.619	ug/l	95
49) 1,4-Dioxane	7.665	88	52678	1226.751	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	766708	288.913	ug/l	99
52) Toluene	8.720	92	204523	48.004	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	116911	52.394	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	125289	50.755	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	90520	52.706	ug/l	98
56) Ethyl methacrylate	9.116	69	150021	57.228	ug/l	98
57) 1,3-Dichloropropane	9.311	76	146438	51.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	341203	276.467	ug/l	94
59) 2-Hexanone	9.433	43	600751	296.925	ug/l	98
60) Dibromochloromethane	9.525	129	104609	54.906	ug/l	98
61) 1,2-Dibromoethane	9.610	107	96636	53.312	ug/l	100
64) Tetrachloroethene	9.275	164	79909	45.914	ug/l	90
65) Chlorobenzene	10.079	112	241601	48.480	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	89487	51.748	ug/l	98
67) Ethyl Benzene	10.195	91	380848	47.953	ug/l	98
68) m/p-Xylenes	10.299	106	301625	95.465	ug/l	94
69) o-Xylene	10.640	106	154948	49.297	ug/l	92
70) Styrene	10.652	104	265437	51.129	ug/l	96
71) Bromoform	10.799	173	84570	56.155	ug/l #	99
73) Isopropylbenzene	10.963	105	373699	48.035	ug/l	97
74) N-amyl acetate	10.841	43	204012	59.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	148230	53.689	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	121743m	55.635	ug/l	
77) Bromobenzene	11.195	156	116282	50.637	ug/l	80
78) n-propylbenzene	11.305	91	406853	47.626	ug/l	96
79) 2-Chlorotoluene	11.366	91	264821	48.231	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	317403	48.865	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	42026	52.344	ug/l	96
82) 4-Chlorotoluene	11.451	91	303662	48.613	ug/l	93
83) tert-Butylbenzene	11.713	119	335460	47.944	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	326298	49.581	ug/l	94
85) sec-Butylbenzene	11.890	105	380765	47.468	ug/l	95
86) p-Isopropyltoluene	12.006	119	339033	48.191	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	200216	48.820	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	199982	47.305	ug/l	94
89) n-Butylbenzene	12.335	91	262509	47.135	ug/l	98
90) Hexachloroethane	12.536	117	56863	47.522	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	211867	50.718	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34382	61.643	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	139095	50.522	ug/l	95
94) Hexachlorobutadiene	13.725	225	59759	43.812	ug/l	99
95) Naphthalene	13.774	128	476773	58.684	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148108	52.271	ug/l	97

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

