

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039785.D
 Acq On : 16 Jan 2024 19:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2024
 Supervised By : Mahesh Dadoda 01/17/2024

Quant Time: Jan 17 01:54:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75683	48.403	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.800%		
35) Dibromofluoromethane	5.385	113	56607	50.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.640%		
50) Toluene-d8	8.647	98	209277	49.812	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.620%		
62) 4-Bromofluorobenzene	11.079	95	85296	51.917	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53886	44.619	ug/l	99
3) Chloromethane	1.294	50	60419	43.807	ug/l	99
4) Vinyl Chloride	1.374	62	60197	46.247	ug/l	97
5) Bromomethane	1.599	94	37062	49.903	ug/l	95
6) Chloroethane	1.685	64	37540	50.733	ug/l	99
7) Trichlorofluoromethane	1.886	101	92888	49.470	ug/l	99
8) Diethyl Ether	2.130	74	33567	48.375	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	57886	49.727	ug/l	99
10) Methyl Iodide	2.453	142	66163	53.876	ug/l	94
11) Tert butyl alcohol	2.959	59	98971	243.158	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	56504	50.295	ug/l	89
13) Acrolein	2.233	56	60474	241.010	ug/l	99
14) Allyl chloride	2.660	41	106204	48.031	ug/l	98
15) Acrylonitrile	3.056	53	204990	243.813	ug/l	99
16) Acetone	2.374	43	195401	222.207	ug/l	93
17) Carbon Disulfide	2.514	76	154205	47.756	ug/l	98
18) Methyl Acetate	2.697	43	93422	50.780	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	198142	49.679	ug/l	98
20) Methylene Chloride	2.788	84	64350	48.379	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	60312	51.014	ug/l	97
22) Diisopropyl ether	3.757	45	207441	49.161	ug/l	97
23) Vinyl Acetate	3.721	43	986591	251.529	ug/l	100
24) 1,1-Dichloroethane	3.611	63	114503	49.325	ug/l	99
25) 2-Butanone	4.550	43	302395	239.292	ug/l	98
26) 2,2-Dichloropropane	4.477	77	89191	47.872	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	69293	51.102	ug/l	98
28) Bromochloromethane	4.891	49	53221	50.578	ug/l	96
29) Tetrahydrofuran	4.995	42	196409	241.473	ug/l	100
30) Chloroform	5.093	83	118210	51.583	ug/l	99
31) Cyclohexane	5.471	56	102379	49.612	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	102319	52.153	ug/l	99
36) 1,1-Dichloropropene	5.690	75	87749	50.607	ug/l	100
37) Ethyl Acetate	4.708	43	111383	48.151	ug/l	99
38) Carbon Tetrachloride	5.672	117	83066	52.306	ug/l	98
39) Methylcyclohexane	7.379	83	106922	51.352	ug/l	96
40) Benzene	6.037	78	251144	51.151	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58496	51.713	ug/l	96
42) 1,2-Dichloroethane	6.086	62	97006	51.968	ug/l	100
43) Isopropyl Acetate	6.336	43	173872	51.239	ug/l	100
44) Trichloroethene	7.123	130	63195	52.518	ug/l	99
45) 1,2-Dichloropropane	7.428	63	67246	51.056	ug/l	97
46) Dibromomethane	7.580	93	47639	52.366	ug/l	98
47) Bromodichloromethane	7.818	83	90345	53.622	ug/l	98
48) Methyl methacrylate	7.690	41	84517	50.671	ug/l	95
49) 1,4-Dioxane	7.653	88	32986	1022.058	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	593796	254.081	ug/l	99
52) Toluene	8.714	92	153358	52.294	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	96941	54.222	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	103394	52.594	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	64825	51.919	ug/l	95
56) Ethyl methacrylate	9.116	69	107073	52.986	ug/l	97
57) 1,3-Dichloropropane	9.305	76	110344	52.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	238067	249.238	ug/l	96
59) 2-Hexanone	9.427	43	471987	255.179	ug/l	99
60) Dibromochloromethane	9.519	129	65140	55.322	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69395	53.670	ug/l	99
64) Tetrachloroethene	9.269	164	52110	52.358	ug/l	95
65) Chlorobenzene	10.079	112	162878	51.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	59555	54.869	ug/l	99
67) Ethyl Benzene	10.189	91	310684	52.498	ug/l	98
68) m/p-Xylenes	10.299	106	227606	104.576	ug/l	95
69) o-Xylene	10.640	106	111986	51.956	ug/l	97
70) Styrene	10.653	104	185081	52.566	ug/l	98
71) Bromoform	10.799	173	45426	55.736	ug/l #	99
73) Isopropylbenzene	10.963	105	296439	48.039	ug/l	99
74) N-amyl acetate	10.842	43	158577	49.301	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	110942	47.082	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94430m	46.994	ug/l	
77) Bromobenzene	11.195	156	67636	49.228	ug/l	97
78) n-propylbenzene	11.305	91	365277	48.908	ug/l	98
79) 2-Chlorotoluene	11.360	91	214616	46.493	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	259802	49.572	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	32104	47.924	ug/l	95
82) 4-Chlorotoluene	11.451	91	251727	48.077	ug/l	99
83) tert-Butylbenzene	11.713	119	244582	48.882	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	256950	49.142	ug/l	99
85) sec-Butylbenzene	11.890	105	325519	50.117	ug/l	99
86) p-Isopropyltoluene	12.006	119	262766	50.618	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	130196	49.435	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	130746	48.066	ug/l	99
89) n-Butylbenzene	12.329	91	255724	51.004	ug/l	96
90) Hexachloroethane	12.536	117	44697	51.038	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	127924	49.131	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27528	47.676	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	79779	50.139	ug/l	98
94) Hexachlorobutadiene	13.725	225	33546	50.716	ug/l	98
95) Naphthalene	13.774	128	286295	48.875	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	78396	48.818	ug/l	98

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

