

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039805.D
 Acq On : 18 Jan 2024 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 19 00:34:43 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/19/2024
 Supervised By :Semsettin Yesilyurt 01/19/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64974	43.779	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.560%		
35) Dibromofluoromethane	5.379	113	50250	48.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.820%		
50) Toluene-d8	8.647	98	184130	47.034	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.060%		
62) 4-Bromofluorobenzene	11.079	95	76195	49.772	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.540%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55100	48.068	ug/l	98
3) Chloromethane	1.294	50	58843	44.949	ug/l	99
4) Vinyl Chloride	1.373	62	59952	48.526	ug/l	97
5) Bromomethane	1.599	94	40161	56.971	ug/l	97
6) Chloroethane	1.684	64	37371	53.210	ug/l	96
7) Trichlorofluoromethane	1.886	101	96486	54.138	ug/l	99
8) Diethyl Ether	2.129	74	34459	52.320	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	59861	54.177	ug/l	98
10) Methyl Iodide	2.453	142	64165	55.048	ug/l	94
11) Tert butyl alcohol	2.952	59	81108	209.943	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	55845	52.371	ug/l	95
13) Acrolein	2.233	56	50461	209.910	ug/l	100
14) Allyl chloride	2.660	41	104111	49.606	ug/l	99
15) Acrylonitrile	3.056	53	187085	234.435	ug/l	98
16) Acetone	2.373	43	210861	252.630	ug/l	94
17) Carbon Disulfide	2.514	76	158482	51.709	ug/l	99
18) Methyl Acetate	2.696	43	86697	49.649	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	194395	51.350	ug/l	99
20) Methylene Chloride	2.788	84	63731	50.480	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	60141	53.594	ug/l	99
22) Diisopropyl ether	3.757	45	206649	51.596	ug/l	91
23) Vinyl Acetate	3.715	43	968660	260.183	ug/l	99
24) 1,1-Dichloroethane	3.605	63	114578	52.001	ug/l	99
25) 2-Butanone	4.544	43	283548	236.395	ug/l	100
26) 2,2-Dichloropropane	4.470	77	92598	52.362	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	68790	53.448	ug/l	98
28) Bromochloromethane	4.891	49	48548	48.608	ug/l	98
29) Tetrahydrofuran	4.989	42	179863	232.974	ug/l	100
30) Chloroform	5.086	83	118167	54.326	ug/l	96
31) Cyclohexane	5.464	56	100957	51.543	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100960	54.216	ug/l	99
36) 1,1-Dichloropropene	5.684	75	86112	53.298	ug/l	99
37) Ethyl Acetate	4.702	43	105485	48.939	ug/l	99
38) Carbon Tetrachloride	5.671	117	85208	57.582	ug/l	98
39) Methylcyclohexane	7.372	83	107461	55.389	ug/l	99
40) Benzene	6.031	78	250957	54.854	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	54249	51.469	ug/l	92
42) 1,2-Dichloroethane	6.080	62	96553	55.512	ug/l	99
43) Isopropyl Acetate	6.330	43	167807	53.072	ug/l	99
44) Trichloroethene	7.122	130	63859	56.955	ug/l	97
45) 1,2-Dichloropropane	7.427	63	67922	55.344	ug/l	99
46) Dibromomethane	7.574	93	48157	56.810	ug/l	97
47) Bromodichloromethane	7.817	83	91493	58.278	ug/l	99
48) Methyl methacrylate	7.689	41	80620	51.873	ug/l	93
49) 1,4-Dioxane	7.653	88	28075	933.564	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	559356	256.863	ug/l	99
52) Toluene	8.714	92	156441	57.250	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	98428	59.084	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	105991	57.862	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	64006	55.015	ug/l	91
56) Ethyl methacrylate	9.110	69	104725	55.617	ug/l	97
57) 1,3-Dichloropropane	9.305	76	109498	55.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	189259	212.643	ug/l	96
59) 2-Hexanone	9.427	43	456582	264.919	ug/l	98
60) Dibromochloromethane	9.518	129	67486	61.509	ug/l	99
61) 1,2-Dibromoethane	9.604	107	70382	58.418	ug/l	99
64) Tetrachloroethene	9.268	164	53538	57.472	ug/l	96
65) Chlorobenzene	10.073	112	166205	55.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	60718	59.766	ug/l	98
67) Ethyl Benzene	10.189	91	313171	56.537	ug/l	97
68) m/p-Xylenes	10.299	106	231669	113.723	ug/l	95
69) o-Xylene	10.640	106	114405	56.709	ug/l	98
70) Styrene	10.652	104	189325	57.449	ug/l	99
71) Bromoform	10.799	173	47012	61.627	ug/l #	100
73) Isopropylbenzene	10.957	105	303155	51.357	ug/l	100
74) N-amyl acetate	10.841	43	156589	50.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	110246	48.910	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93723m	48.758	ug/l	
77) Bromobenzene	11.195	156	68363	52.014	ug/l	97
78) n-propylbenzene	11.305	91	376627	52.716	ug/l	97
79) 2-Chlorotoluene	11.359	91	221280	50.112	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	262963	52.452	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	31713	49.334	ug/l	97
82) 4-Chlorotoluene	11.451	91	257481	51.407	ug/l	99
83) tert-Butylbenzene	11.713	119	252377	52.728	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	266210	53.223	ug/l	99
85) sec-Butylbenzene	11.890	105	337551	54.328	ug/l	99
86) p-Isopropyltoluene	12.006	119	275114	55.402	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	135750	53.882	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	136375	52.410	ug/l	99
89) n-Butylbenzene	12.329	91	271932	56.697	ug/l	96
90) Hexachloroethane	12.536	117	46375	55.357	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	131267	52.702	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	27153	49.160	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	82849	54.430	ug/l	98
94) Hexachlorobutadiene	13.725	225	37493	59.255	ug/l	99
95) Naphthalene	13.774	128	285857	51.015	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	80579	52.454	ug/l	98

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

