

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012624\
 Data File : VX039970.D
 Acq On : 26 Jan 2024 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 00:35:33 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	69961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59252	50.559	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.120%			
35) Dibromofluoromethane	5.379	113	45800	53.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.360%			
50) Toluene-d8	8.647	98	162471	50.494	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	67251	53.448	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	45339	50.088	ug/l	96
3) Chloromethane	1.295	50	44748	43.287	ug/l	99
4) Vinyl Chloride	1.374	62	42431	43.493	ug/l	99
5) Bromomethane	1.599	94	34777	62.475	ug/l	98
6) Chloroethane	1.679	64	28168	50.790	ug/l	100
7) Trichlorofluoromethane	1.880	101	66847	47.499	ug/l	97
8) Diethyl Ether	2.130	74	28172	54.168	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	41376	47.423	ug/l	98
10) Methyl Iodide	2.453	142	52593	57.139	ug/l	94
11) Tert butyl alcohol	2.959	59	94427	309.526	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	40410	47.991	ug/l	90
13) Acrolein	2.233	56	77185	421.844	ug/l	98
14) Allyl chloride	2.660	41	81444	49.143	ug/l	98
15) Acrylonitrile	3.063	53	173471	275.279	ug/l	98
16) Acetone	2.374	43	166390	252.452	ug/l	98
17) Carbon Disulfide	2.508	76	112524	46.494	ug/l	98
18) Methyl Acetate	2.697	43	87181	63.225	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	165720	55.436	ug/l	98
20) Methylene Chloride	2.788	84	53562	53.726	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	47409	53.502	ug/l	94
22) Diisopropyl ether	3.757	45	169211	53.502	ug/l	95
23) Vinyl Acetate	3.721	43	803715	273.384	ug/l	99
24) 1,1-Dichloroethane	3.605	63	89204	51.269	ug/l	99
25) 2-Butanone	4.550	43	256254	270.548	ug/l	97
26) 2,2-Dichloropropane	4.471	77	68000	48.696	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	57478	56.555	ug/l	93
28) Bromochloromethane	4.891	49	40205	50.977	ug/l	99
29) Tetrahydrofuran	4.995	42	168891	277.035	ug/l	98
30) Chloroform	5.093	83	95013	55.317	ug/l	94
31) Cyclohexane	5.471	56	71591	46.287	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	75360	51.249	ug/l	98
36) 1,1-Dichloropropene	5.690	75	64951	48.911	ug/l	98
37) Ethyl Acetate	4.709	43	93152	52.582	ug/l	98
38) Carbon Tetrachloride	5.678	117	61771	50.788	ug/l	95
39) Methylcyclohexane	7.379	83	77077	48.336	ug/l	98
40) Benzene	6.031	78	198129	52.691	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48848	56.386	ug/l	93
42) 1,2-Dichloroethane	6.080	62	79845	55.852	ug/l	99
43) Isopropyl Acetate	6.336	43	145095	55.832	ug/l	99
44) Trichloroethene	7.123	130	49556	53.775	ug/l	95
45) 1,2-Dichloropropane	7.428	63	54364	53.895	ug/l	97
46) Dibromomethane	7.580	93	40169	57.655	ug/l	99
47) Bromodichloromethane	7.818	83	73873	57.250	ug/l	95
48) Methyl methacrylate	7.690	41	70530	55.214	ug/l	94
49) 1,4-Dioxane	7.653	88	29511	1193.944	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	507968	283.809	ug/l	99
52) Toluene	8.714	92	126751	56.435	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	82177	60.017	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	89043	59.142	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	55738	58.289	ug/l	95
56) Ethyl methacrylate	9.116	69	90890	58.728	ug/l	98
57) 1,3-Dichloropropane	9.305	76	93030	57.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	203470	278.144	ug/l	96
59) 2-Hexanone	9.427	43	410633	289.883	ug/l	100
60) Dibromochloromethane	9.519	129	56774	62.958	ug/l	100
61) 1,2-Dibromoethane	9.610	107	60078	60.670	ug/l	100
64) Tetrachloroethene	9.269	164	39496	50.121	ug/l	97
65) Chlorobenzene	10.080	112	138050	54.699	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	48456	56.385	ug/l	98
67) Ethyl Benzene	10.195	91	246561	52.621	ug/l	99
68) m/p-Xylenes	10.299	106	189539	109.991	ug/l	99
69) o-Xylene	10.640	106	94479	55.363	ug/l	99
70) Styrene	10.653	104	160097	57.430	ug/l	98
71) Bromoform	10.799	173	40758	63.162	ug/l #	100
73) Isopropylbenzene	10.964	105	241712	47.795	ug/l	100
74) N-amyl acetate	10.842	43	134370	50.973	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	97187	50.326	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81027m	49.202	ug/l	
77) Bromobenzene	11.195	156	58132	51.626	ug/l	100
78) n-propylbenzene	11.305	91	295597	48.293	ug/l	98
79) 2-Chlorotoluene	11.366	91	176194	46.574	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	212642	49.507	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	27733	50.255	ug/l	92
82) 4-Chlorotoluene	11.451	91	210091	48.960	ug/l	100
83) tert-Butylbenzene	11.713	119	200129	48.804	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	216768	50.586	ug/l	98
85) sec-Butylbenzene	11.890	105	255131	47.929	ug/l	99
86) p-Isopropyltoluene	12.006	119	213811	50.257	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	115214	53.378	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	116689	52.343	ug/l	99
89) n-Butylbenzene	12.329	91	204393	49.742	ug/l	97
90) Hexachloroethane	12.536	117	34640	48.264	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	111986	52.480	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24199	51.138	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	71744	55.017	ug/l	98
94) Hexachlorobutadiene	13.725	225	23668	43.661	ug/l	98
95) Naphthalene	13.774	128	267019	55.621	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	73331	55.718	ug/l	99

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

