

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041153.D
 Acq On : 18 Apr 2024 09:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 19 03:27:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

04/19/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	222514	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	303797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157808	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	113420	47.212	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.420%
35) Dibromofluoromethane	5.379	113	99566	49.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	8.647	98	353210	49.689	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.380%
62) 4-Bromofluorobenzene	11.079	95	133661	49.533	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.060%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	88907	50.374	ug/l	96
3) Chloromethane	1.301	50	95132	48.500	ug/l	99
4) Vinyl Chloride	1.374	62	124896	55.554	ug/l	99
5) Bromomethane	1.599	94	60989	43.272	ug/l	100
6) Chloroethane	1.666	64	37963	25.583	ug/l	98
7) Trichlorofluoromethane	1.861	101	165886	47.009	ug/l	100
8) Diethyl Ether	2.136	74	65058	46.981	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	103047	50.234	ug/l #	86
10) Methyl Iodide	2.441	142	117469	54.511	ug/l #	88
11) Tert butyl alcohol	3.032	59	127036	270.300	ug/l #	94
12) 1,1-Dichloroethene	2.307	96	95125	48.437	ug/l	84
13) Acrolein	2.239	56	145815	246.699	ug/l	98
14) Allyl chloride	2.654	41	160024	50.383	ug/l #	93
15) Acrylonitrile	3.069	53	289133	248.470	ug/l	100
16) Acetone	2.392	43	254793	252.328	ug/l	94
17) Carbon Disulfide	2.502	76	187536	41.951	ug/l	99
18) Methyl Acetate	2.709	43	135206	53.633	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	321690	52.996	ug/l	99
20) Methylene Chloride	2.782	84	105772	49.090	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	95781	47.545	ug/l	86
22) Diisopropyl ether	3.764	45	318465	52.356	ug/l #	85
23) Vinyl Acetate	3.721	43	1438836	261.012	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	178213	50.041	ug/l	97
25) 2-Butanone	4.562	43	394412	248.599	ug/l	96
26) 2,2-Dichloropropane	4.465	77	151906	53.737	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	121651	49.986	ug/l	89
28) Bromochloromethane	4.891	49	68076	49.173	ug/l #	75
29) Tetrahydrofuran	5.007	42	255116	242.892	ug/l	94
30) Chloroform	5.087	83	190712	49.281	ug/l	98
31) Cyclohexane	5.458	56	150217	50.477	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	169849	50.012	ug/l	97
36) 1,1-Dichloropropene	5.684	75	125283	48.761	ug/l	95
37) Ethyl Acetate	4.715	43	152174	49.595	ug/l	98
38) Carbon Tetrachloride	5.672	117	147306	49.445	ug/l	98
39) Methylcyclohexane	7.373	83	170223	52.800	ug/l	93
40) Benzene	6.031	78	399326	50.915	ug/l	99

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41) Methacrylonitrile	4.922	41	82839	51.516	ug/l	94
42) 1,2-Dichloroethane	6.080	62	140815	50.105	ug/l	94
43) Isopropyl Acetate	6.342	43	238815	52.414	ug/l	96
44) Trichloroethene	7.123	130	114012	48.943	ug/l	83
45) 1,2-Dichloropropane	7.428	63	97790	52.510	ug/l	98
46) Dibromomethane	7.574	93	73092	49.917	ug/l #	77
47) Bromodichloromethane	7.818	83	143352	50.296	ug/l	97
48) Methyl methacrylate	7.696	41	118228	53.160	ug/l	92
49) 1,4-Dioxane	7.671	88	50288	967.647	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	796907	257.462	ug/l	97
52) Toluene	8.714	92	263233	51.415	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	144907	53.007	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	158820	52.881	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	107024	52.063	ug/l	97
56) Ethyl methacrylate	9.116	69	167102	50.313	ug/l	94
57) 1,3-Dichloropropane	9.305	76	171366	51.160	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	395592	273.631	ug/l	92
59) 2-Hexanone	9.433	43	631280	263.649	ug/l	95
60) Dibromochloromethane	9.519	129	126889	51.032	ug/l	98
61) 1,2-Dibromoethane	9.610	107	112471	50.088	ug/l	100
64) Tetrachloroethene	9.269	164	112131	51.206	ug/l	90
65) Chlorobenzene	10.079	112	311087	51.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	111827	53.743	ug/l	99
67) Ethyl Benzene	10.189	91	504772	53.181	ug/l	97
68) m/p-Xylenes	10.299	106	405954	107.530	ug/l	92
69) o-Xylene	10.640	106	201356	54.791	ug/l	92
70) Styrene	10.653	104	340545	54.573	ug/l	95
71) Bromoform	10.799	173	104004	53.068	ug/l #	100
73) Isopropylbenzene	10.963	105	525205	56.421	ug/l	96
74) N-amyl acetate	10.842	43	216701	58.684	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	169973	55.646	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	136234m	52.975	ug/l	
77) Bromobenzene	11.195	156	149103	54.560	ug/l	78
78) n-propylbenzene	11.305	91	582696	55.820	ug/l	96
79) 2-Chlorotoluene	11.366	91	350934	55.146	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	441720	56.966	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	50168	50.410	ug/l	92
82) 4-Chlorotoluene	11.451	91	406510	54.863	ug/l	92
83) tert-Butylbenzene	11.713	119	478034	57.804	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	445166	57.525	ug/l	92
85) sec-Butylbenzene	11.890	105	566071	57.046	ug/l	95
86) p-Isopropyltoluene	12.006	119	504654	57.305	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	273487	53.048	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	277765	51.088	ug/l	95
89) n-Butylbenzene	12.329	91	399120	53.420	ug/l	97
90) Hexachloroethane	12.536	117	83465	55.969	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	278343	54.406	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37365	56.398	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	198044	51.507	ug/l	95
94) Hexachlorobutadiene	13.725	225	100706	54.941	ug/l	99
95) Naphthalene	13.774	128	564672	54.373	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	203010	53.174	ug/l	96

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

