

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041205.D
 Acq On : 23 Apr 2024 10:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 24 01:42:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

04/24/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	248433	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	331891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	169922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117921	49.863	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.720%
35) Dibromofluoromethane	5.379	113	105413	52.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.420%
50) Toluene-d8	8.647	98	325318	47.761	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.079	95	131098	52.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.300%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.167	85	99574	50.675	ug/l	98
3) Chloromethane	1.295	50	94887	44.602	ug/l	98
4) Vinyl Chloride	1.374	62	104973	49.343	ug/l	99
5) Bromomethane	1.593	94	52189	43.569	ug/l	99
6) Chloroethane	1.666	64	33941	41.994	ug/l	100
7) Trichlorofluoromethane	1.861	101	173499	52.633	ug/l	98
8) Diethyl Ether	2.136	74	62140	51.224	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	110756	57.106	ug/l #	86
10) Methyl Iodide	2.441	142	79418	33.956	ug/l #	88
11) Tert butyl alcohol	3.038	59	123819	292.253	ug/l #	95
12) 1,1-Dichloroethene	2.307	96	102621	56.680	ug/l	83
13) Acrolein	2.239	56	120983	254.556	ug/l	100
14) Allyl chloride	2.654	41	168567	57.312	ug/l #	94
15) Acrylonitrile	3.069	53	284731	263.004	ug/l	99
16) Acetone	2.392	43	258594	300.406	ug/l	93
17) Carbon Disulfide	2.496	76	230289	60.889	ug/l	100
18) Methyl Acetate	2.703	43	128841	50.597	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	341954	52.833	ug/l	99
20) Methylene Chloride	2.782	84	106634	50.721	ug/l	91
21) trans-1,2-Dichloroethene	3.081	96	103177	51.568	ug/l	89
22) Diisopropyl ether	3.764	45	333042	52.372	ug/l #	83
23) Vinyl Acetate	3.715	43	1518293	279.087	ug/l	95
24) 1,1-Dichloroethane	3.599	63	186953	52.592	ug/l	98
25) 2-Butanone	4.562	43	396776	269.898	ug/l	96
26) 2,2-Dichloropropane	4.465	77	164460	54.741	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	127805	51.536	ug/l	89
28) Bromochloromethane	4.891	49	66492	49.290	ug/l #	76
29) Tetrahydrofuran	5.007	42	255698	255.311	ug/l	94
30) Chloroform	5.087	83	197908	51.870	ug/l	96
31) Cyclohexane	5.458	56	161765	50.824	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	182811	53.448	ug/l	96
36) 1,1-Dichloropropene	5.678	75	135071	52.289	ug/l	96
37) Ethyl Acetate	4.715	43	156483	55.214	ug/l	99
38) Carbon Tetrachloride	5.666	117	162951	56.479	ug/l	99
39) Methylcyclohexane	7.373	83	186578	54.455	ug/l	92
40) Benzene	6.031	78	418015	52.397	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	80899	54.830	ug/l	91
42) 1,2-Dichloroethane	6.080	62	147941	53.483	ug/l	94
43) Isopropyl Acetate	6.336	43	247499	54.212	ug/l	96
44) Trichloroethene	7.117	130	122534	52.830	ug/l	86
45) 1,2-Dichloropropane	7.428	63	101288	52.952	ug/l	99
46) Dibromomethane	7.580	93	77670	54.455	ug/l #	76
47) Bromodichloromethane	7.818	83	152788	58.114	ug/l	96
48) Methyl methacrylate	7.690	41	122737	56.839	ug/l	91
49) 1,4-Dioxane	7.671	88	49501	1065.039	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	730360	255.582	ug/l	98
52) Toluene	8.714	92	247586	49.252	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	143035	55.464	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	151158	51.560	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	91630	46.714	ug/l	97
56) Ethyl methacrylate	9.116	69	148535	49.533	ug/l	98
57) 1,3-Dichloropropane	9.305	76	150198	46.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	349054	239.166	ug/l	93
59) 2-Hexanone	9.433	43	553345	252.514	ug/l	98
60) Dibromochloromethane	9.519	129	116020	51.238	ug/l	99
61) 1,2-Dibromoethane	9.610	107	100548	47.778	ug/l	100
64) Tetrachloroethene	9.269	164	103710	52.168	ug/l	89
65) Chlorobenzene	10.080	112	275789	51.697	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	101754	55.687	ug/l	98
67) Ethyl Benzene	10.189	91	453238	53.238	ug/l	98
68) m/p-Xylenes	10.299	106	365185	106.259	ug/l	93
69) o-Xylene	10.640	106	184381	55.162	ug/l	94
70) Styrene	10.653	104	312579	57.482	ug/l	96
71) Bromoform	10.799	173	101515	64.981	ug/l #	100
73) Isopropylbenzene	10.957	105	500732	47.362	ug/l	96
74) N-amyl acetate	10.842	43	208613	50.206	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	151386	45.404	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	122240m	44.650	ug/l	
77) Bromobenzene	11.195	156	135184	43.938	ug/l	78
78) n-propylbenzene	11.305	91	544946	47.735	ug/l	96
79) 2-Chlorotoluene	11.360	91	338324	46.832	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	461087	52.422	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	47541	48.992	ug/l	92
82) 4-Chlorotoluene	11.451	91	421671	51.507	ug/l	92
83) tert-Butylbenzene	11.713	119	492158	52.251	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	463627	53.107	ug/l	92
85) sec-Butylbenzene	11.890	105	583241	53.622	ug/l	95
86) p-Isopropyltoluene	12.006	119	523289	54.593	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	285014	51.571	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	286552	50.534	ug/l	95
89) n-Butylbenzene	12.329	91	417578	57.377	ug/l	97
90) Hexachloroethane	12.536	117	88001	55.657	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	289046	52.216	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38515	55.053	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	213334	55.585	ug/l	96
94) Hexachlorobutadiene	13.725	225	107015	54.575	ug/l	98
95) Naphthalene	13.774	128	605549	54.913	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	219839	54.380	ug/l	95

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

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