

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042794.D
 Acq On : 01 Aug 2024 14:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080124

Quant Time: Aug 01 16:45:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/01/2024
 Supervised By : Semsettin Yesilyurt 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	107862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87490	50.488	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.980%			
35) Dibromofluoromethane	5.379	113	63307	47.516	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.040%			
50) Toluene-d8	8.647	98	237259	49.061	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.120%			
62) 4-Bromofluorobenzene	11.079	95	86683	49.048	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84731	49.571	ug/l	97
3) Chloromethane	1.301	50	65101	49.401	ug/l	98
4) Vinyl Chloride	1.374	62	57943	43.310	ug/l	97
5) Bromomethane	1.593	94	18655	40.470	ug/l	93
6) Chloroethane	1.666	64	20031	41.471	ug/l	99
7) Trichlorofluoromethane	1.874	101	88404	49.235	ug/l	96
8) Diethyl Ether	2.136	74	29529	43.162	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	61575	45.463	ug/l	97
10) Methyl Iodide	2.441	142	59969	46.261	ug/l	95
11) Tert butyl alcohol	2.989	59	74322	230.081	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	57608	43.882	ug/l	87
13) Acrolein	2.239	56	72030	212.976	ug/l	97
14) Allyl chloride	2.654	41	79729	47.237	ug/l #	95
15) Acrylonitrile	3.069	53	167260	234.988	ug/l	99
16) Acetone	2.386	43	141754	225.277	ug/l	94
17) Carbon Disulfide	2.502	76	136211	45.993	ug/l	100
18) Methyl Acetate	2.703	43	82616	52.314	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	203243	46.698	ug/l	95
20) Methylene Chloride	2.782	84	66376	45.794	ug/l #	85
21) trans-1,2-Dichloroethene	3.081	96	61371	45.307	ug/l	89
22) Diisopropyl ether	3.764	45	173797	48.034	ug/l #	83
23) Vinyl Acetate	3.721	43	789280	250.931	ug/l #	91
24) 1,1-Dichloroethane	3.599	63	111055	47.252	ug/l	98
25) 2-Butanone	4.562	43	244382	264.334	ug/l	94
26) 2,2-Dichloropropane	4.465	77	94316	46.886	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	76790	48.495	ug/l	90
28) Bromochloromethane	4.898	49	42674	50.653	ug/l	89
29) Tetrahydrofuran	5.001	42	168139	291.976	ug/l	92
30) Chloroform	5.087	83	130582	49.967	ug/l	98
31) Cyclohexane	5.458	56	104624	54.796	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	116850	50.341	ug/l	98
36) 1,1-Dichloropropene	5.684	75	89560	51.834	ug/l	99
37) Ethyl Acetate	4.715	43	95791	54.311	ug/l	96
38) Carbon Tetrachloride	5.666	117	99142	49.789	ug/l	96
39) Methylcyclohexane	7.373	83	114356	52.817	ug/l	95
40) Benzene	6.031	78	274944	50.713	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54412	58.338	ug/l	93
42) 1,2-Dichloroethane	6.086	62	102800	52.498	ug/l	96
43) Isopropyl Acetate	6.342	43	162100	58.759	ug/l	96
44) Trichloroethene	7.123	130	65884	46.419	ug/l	96
45) 1,2-Dichloropropane	7.428	63	68726	56.530	ug/l	96
46) Dibromomethane	7.580	93	52350	50.561	ug/l	97
47) Bromodichloromethane	7.818	83	100575	53.268	ug/l	96
48) Methyl methacrylate	7.690	41	82567	60.876	ug/l	91
49) 1,4-Dioxane	7.665	88	32630	960.346	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	558477	305.661	ug/l	97
52) Toluene	8.714	92	178446	50.731	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	103248	55.199	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	108289	54.500	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	67901	47.728	ug/l	96
56) Ethyl methacrylate	9.116	69	115203	55.911	ug/l	98
57) 1,3-Dichloropropane	9.305	76	120051	53.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	274531	289.289	ug/l	100
59) 2-Hexanone	9.427	43	434333	306.539	ug/l	96
60) Dibromochloromethane	9.519	129	72623	50.397	ug/l	100
61) 1,2-Dibromoethane	9.610	107	70691	50.079	ug/l	100
64) Tetrachloroethene	9.269	164	55359	49.924	ug/l	94
65) Chlorobenzene	10.079	112	181000	50.079	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	60117	49.790	ug/l	99
67) Ethyl Benzene	10.189	91	323211	53.189	ug/l	96
68) m/p-Xylenes	10.299	106	241180	103.889	ug/l	95
69) o-Xylene	10.640	106	124284	54.149	ug/l	99
70) Styrene	10.653	104	209088	53.902	ug/l	99
71) Bromoform	10.799	173	44166	48.959	ug/l #	95
73) Isopropylbenzene	10.963	105	312059	53.842	ug/l	100
74) N-amyl acetate	10.842	43	153383	68.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107293	53.642	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	93255m	53.875	ug/l	
77) Bromobenzene	11.195	156	68311	47.592	ug/l	95
78) n-propylbenzene	11.305	91	366725	56.747	ug/l	97
79) 2-Chlorotoluene	11.360	91	224459	53.366	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	267128	53.790	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	34091	58.293	ug/l	97
82) 4-Chlorotoluene	11.451	91	262737	55.048	ug/l	98
83) tert-Butylbenzene	11.713	119	266409	53.829	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	272682	54.995	ug/l	98
85) sec-Butylbenzene	11.890	105	326857	53.943	ug/l	98
86) p-Isopropyltoluene	12.006	119	268988	52.656	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	125844	47.005	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	127426	47.382	ug/l	97
89) n-Butylbenzene	12.329	91	247802	59.282	ug/l	98
90) Hexachloroethane	12.536	117	47175	52.129	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	131961	49.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25437	57.154	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	70251	46.211	ug/l	97
94) Hexachlorobutadiene	13.725	225	29253	44.311	ug/l	97
95) Naphthalene	13.774	128	279045	48.102	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75833	48.530	ug/l	98

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

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