

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043211.D
 Acq On : 01 Oct 2024 13:08
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 02 03:06:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 02:49:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/02/2024
 Supervised By : Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184645	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74501	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	166846	96.444	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 192.880%#	
35) Dibromofluoromethane	5.379	113	125344	98.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 196.860%#	
50) Toluene-d8	8.647	98	423423	95.952	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 191.900%#	
62) 4-Bromofluorobenzene	11.079	95	155403	96.935	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 193.880%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	128858	104.580	ug/l	97
3) Chloromethane	1.294	50	120175	94.700	ug/l	99
4) Vinyl Chloride	1.374	62	128660	101.219	ug/l	97
5) Bromomethane	1.599	94	51887	99.915	ug/l	96
6) Chloroethane	1.666	64	44375	93.747	ug/l	98
7) Trichlorofluoromethane	1.868	101	183136	96.429	ug/l	100
8) Diethyl Ether	2.136	74	74210	100.409	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	123726	104.394	ug/l	99
10) Methyl Iodide	2.441	142	153872	103.367	ug/l	98
11) Tert butyl alcohol	3.001	59	166317m	449.784	ug/l	
12) 1,1-Dichloroethene	2.313	96	116163	98.701	ug/l	99
13) Acrolein	2.239	56	156397	502.990	ug/l	98
14) Allyl chloride	2.660	41	182549	94.411	ug/l	99
15) Acrylonitrile	3.069	53	329272	489.828	ug/l	99
16) Acetone	2.392	43	320965	444.270	ug/l	99
17) Carbon Disulfide	2.502	76	288245	100.692	ug/l	99
18) Methyl Acetate	2.709	43	186726	103.029	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	427058	101.424	ug/l	99
20) Methylene Chloride	2.788	84	127980	96.077	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	119280	101.835	ug/l	97
22) Diisopropyl ether	3.764	45	385974	99.245	ug/l	99
23) Vinyl Acetate	3.721	43	2383815	580.062	ug/l	99
24) 1,1-Dichloroethane	3.605	63	233482	103.052	ug/l	99
25) 2-Butanone	4.562	43	478906	483.458	ug/l	100
26) 2,2-Dichloropropane	4.471	77	217043	100.685	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	147219	100.780	ug/l	99
28) Bromochloromethane	4.904	49	80718	90.304	ug/l	99
29) Tetrahydrofuran	5.007	42	303457	480.879	ug/l	100
30) Chloroform	5.093	83	245899	98.830	ug/l	98
31) Cyclohexane	5.464	56	185302	99.267	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	233114	102.004	ug/l	100
36) 1,1-Dichloropropene	5.684	75	161613	100.462	ug/l	99
37) Ethyl Acetate	4.721	43	190711	96.392	ug/l	99
38) Carbon Tetrachloride	5.672	117	196078	102.961	ug/l	99
39) Methylcyclohexane	7.379	83	210223	103.903	ug/l	97
40) Benzene	6.031	78	483062	99.042	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	102675	100.857	ug/l	98
42) 1,2-Dichloroethane	6.086	62	198072	99.658	ug/l	100
43) Isopropyl Acetate	6.342	43	319559	100.148	ug/l	99
44) Trichloroethene	7.123	130	128508	99.337	ug/l	94
45) 1,2-Dichloropropane	7.428	63	119796	100.085	ug/l	98
46) Dibromomethane	7.580	93	96835	100.961	ug/l	100
47) Bromodichloromethane	7.818	83	194900	103.358	ug/l	100
48) Methyl methacrylate	7.696	41	155545	100.579	ug/l	99
49) 1,4-Dioxane	7.665	88	65463	2115.486	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	949403	489.895	ug/l	98
52) Toluene	8.714	92	299543	97.992	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	197637	105.474	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	205366	102.187	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	118068	97.188	ug/l	98
56) Ethyl methacrylate	9.116	69	207130	104.287	ug/l	99
57) 1,3-Dichloropropane	9.305	76	201674	97.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	467003	521.639	ug/l	100
59) 2-Hexanone	9.433	43	731495	499.135	ug/l	99
60) Dibromochloromethane	9.519	129	145324	103.115	ug/l	99
61) 1,2-Dibromoethane	9.610	107	127659	97.805	ug/l	99
64) Tetrachloroethene	9.275	164	107805	99.341	ug/l	96
65) Chlorobenzene	10.079	112	333155	99.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	121949	102.572	ug/l	100
67) Ethyl Benzene	10.195	91	580822	99.941	ug/l	98
68) m/p-Xylenes	10.299	106	432683	197.007	ug/l	100
69) o-Xylene	10.640	106	214230	98.161	ug/l	99
70) Styrene	10.653	104	364074	102.936	ug/l	100
71) Bromoform	10.799	173	101163	111.075	ug/l #	100
73) Isopropylbenzene	10.963	105	562564	97.124	ug/l	99
74) N-amyl acetate	10.842	43	278524	101.295	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	184407	97.728	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	156943m	95.223	ug/l	
77) Bromobenzene	11.195	156	134268	95.254	ug/l	99
78) n-propylbenzene	11.305	91	633758	99.668	ug/l	99
79) 2-Chlorotoluene	11.366	91	388550	95.047	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	464278	97.169	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	67257	105.480	ug/l	99
82) 4-Chlorotoluene	11.451	91	447499	96.094	ug/l	98
83) tert-Butylbenzene	11.713	119	479757	97.461	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	469104	97.577	ug/l	99
85) sec-Butylbenzene	11.890	105	580879	99.543	ug/l	99
86) p-Isopropyltoluene	12.006	119	492446	101.148	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	248167	99.944	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	248050	96.895	ug/l	98
89) n-Butylbenzene	12.329	91	438563	107.598	ug/l	99
90) Hexachloroethane	12.536	117	97252	106.512	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	243738	95.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48321	104.886	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	157643	107.684	ug/l	99
94) Hexachlorobutadiene	13.725	225	60269	103.851	ug/l	96
95) Naphthalene	13.774	128	561375	104.311	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	157298	104.140	ug/l	98

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

