

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043920.D
 Acq On : 20 Nov 2024 18:06
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 21 05:49:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 05:45:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	183453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	321198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112869	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	271856	96.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 192.960%#	
35) Dibromofluoromethane	5.385	113	222540	103.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 206.360%#	
50) Toluene-d8	8.647	98	761128	105.635	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 211.280%#	
62) 4-Bromofluorobenzene	11.079	95	234670	98.564	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 197.120%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	204176	109.991	ug/l	96
3) Chloromethane	1.294	50	239080	103.052	ug/l	100
4) Vinyl Chloride	1.374	62	245945	105.513	ug/l	99
5) Bromomethane	1.593	94	107441	101.472	ug/l	99
6) Chloroethane	1.660	64	95034	85.361	ug/l	98
7) Trichlorofluoromethane	1.861	101	345895	104.085	ug/l	97
8) Diethyl Ether	2.136	74	126760	101.175	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	206369	104.933	ug/l	98
10) Methyl Iodide	2.441	142	275807	99.647	ug/l	99
11) Tert butyl alcohol	3.008	59	222479	496.504	ug/l	100
12) 1,1-Dichloroethene	2.306	96	206230	108.044	ug/l	99
13) Acrolein	2.239	56	254517	506.470	ug/l	100
14) Allyl chloride	2.654	41	334952	108.235	ug/l	99
15) Acrylonitrile	3.069	53	582177	504.716	ug/l	100
16) Acetone	2.392	43	540169	477.278	ug/l	99
17) Carbon Disulfide	2.502	76	469040	112.541	ug/l	100
18) Methyl Acetate	2.703	43	303699	97.989	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	711532	100.852	ug/l	98
20) Methylene Chloride	2.782	84	230591	97.337	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	213948	102.812	ug/l	99
22) Diisopropyl ether	3.764	45	669701	99.052	ug/l	99
23) Vinyl Acetate	3.721	43	2925729	533.875	ug/l	100
24) 1,1-Dichloroethane	3.599	63	401782	101.043	ug/l	99
25) 2-Butanone	4.562	43	795265	502.295	ug/l	99
26) 2,2-Dichloropropane	4.465	77	341462	104.497	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	265044	102.347	ug/l	99
28) Bromochloromethane	4.891	49	161087	96.277	ug/l	99
29) Tetrahydrofuran	5.007	42	514205	502.612	ug/l	99
30) Chloroform	5.086	83	412470	99.513	ug/l	96
31) Cyclohexane	5.464	56	322690	100.127	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	372771	105.203	ug/l	99
36) 1,1-Dichloropropene	5.684	75	272788	101.485	ug/l	98
37) Ethyl Acetate	4.715	43	310250	101.570	ug/l	99
38) Carbon Tetrachloride	5.666	117	309471	108.748	ug/l	97
39) Methylcyclohexane	7.373	83	361545	107.443	ug/l	97
40) Benzene	6.031	78	868520	102.771	ug/l	97

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41) Methacrylonitrile	4.928	41	169762	107.684	ug/l	98
42) 1,2-Dichloroethane	6.080	62	310500	101.187	ug/l	99
43) Isopropyl Acetate	6.342	43	513183	107.534	ug/l	98
44) Trichloroethene	7.123	130	224024	96.157	ug/l	96
45) 1,2-Dichloropropane	7.428	63	213436	103.048	ug/l	99
46) Dibromomethane	7.580	93	164766	105.566	ug/l	99
47) Bromodichloromethane	7.818	83	303422	110.645	ug/l	97
48) Methyl methacrylate	7.690	41	243421	102.910	ug/l	98
49) 1,4-Dioxane	7.665	88	107845	2146.814	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	1537994	516.861	ug/l	100
52) Toluene	8.714	92	529584	108.621	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	324493	116.622	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	347624	110.250	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	189653	99.698	ug/l	97
56) Ethyl methacrylate	9.116	69	353905	117.501	ug/l	98
57) 1,3-Dichloropropane	9.305	76	301590	94.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	839649	531.589	ug/l	99
59) 2-Hexanone	9.433	43	1082585	515.644	ug/l	94
60) Dibromochloromethane	9.519	129	203305	109.680	ug/l	100
61) 1,2-Dibromoethane	9.610	107	194070	97.805	ug/l	99
64) Tetrachloroethene	9.269	164	152176	105.950	ug/l	99
65) Chlorobenzene	10.079	112	477240	102.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	168854	108.470	ug/l	98
67) Ethyl Benzene	10.189	91	835156	106.097	ug/l	98
68) m/p-Xylenes	10.299	106	629273	214.626	ug/l	97
69) o-Xylene	10.640	106	313286	109.513	ug/l	97
70) Styrene	10.653	104	533689	113.199	ug/l	97
71) Bromoform	10.799	173	132185	104.909	ug/l #	100
73) Isopropylbenzene	10.963	105	833683	103.478	ug/l	99
74) N-amyl acetate	10.842	43	417705	98.403	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	280715	103.052	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	235398m	102.194	ug/l	
77) Bromobenzene	11.195	156	205320	103.983	ug/l	99
78) n-propylbenzene	11.305	91	962345	108.255	ug/l	99
79) 2-Chlorotoluene	11.366	91	584523	103.338	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	696948	104.362	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	92899	96.440	ug/l	95
82) 4-Chlorotoluene	11.451	91	673564	103.398	ug/l	99
83) tert-Butylbenzene	11.713	119	703611	102.998	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	711519	104.913	ug/l	100
85) sec-Butylbenzene	11.890	105	863027	105.793	ug/l	100
86) p-Isopropyltoluene	12.006	119	736430	107.512	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	379956	103.829	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	373828	99.643	ug/l	99
89) n-Butylbenzene	12.329	91	710224	121.685	ug/l	99
90) Hexachloroethane	12.536	117	150598	108.948	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	413278	107.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	74962	107.207	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	280845	125.427	ug/l	100
94) Hexachlorobutadiene	13.725	225	104142	113.491	ug/l	98
95) Naphthalene	13.774	128	1019883	122.159	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	282947	121.285	ug/l	99

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

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