

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040452.D
 Acq On : 26 Feb 2024 11:16
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 27 04:53:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 04:43:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Semsettin Yesilyurt 02/27/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	148851	98.824	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 197.640%#			
35) Dibromofluoromethane	5.385	113	107371	101.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.880%#			
50) Toluene-d8	8.647	98	396685	103.248	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 206.500%#			
62) 4-Bromofluorobenzene	11.079	95	155667	106.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 212.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	111856	99.807	ug/l	98
3) Chloromethane	1.294	50	108714	97.798	ug/l	99
4) Vinyl Chloride	1.374	62	116418	96.847	ug/l	99
5) Bromomethane	1.599	94	58518	87.599	ug/l	95
6) Chloroethane	1.672	64	68237	89.698	ug/l	94
7) Trichlorofluoromethane	1.880	101	189338	99.728	ug/l	100
8) Diethyl Ether	2.130	74	67200	101.263	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	101057	98.887	ug/l	99
10) Methyl Iodide	2.453	142	115422	101.980	ug/l	97
11) Tert butyl alcohol	2.971	59	136007	537.144	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	97549	95.075	ug/l	96
13) Acrolein	2.233	56	86594	533.428	ug/l	99
14) Allyl chloride	2.660	41	181740	101.247	ug/l	94
15) Acrylonitrile	3.062	53	315777	497.178	ug/l	98
16) Acetone	2.380	43	253124	515.313	ug/l	99
17) Carbon Disulfide	2.508	76	274755	96.702	ug/l	99
18) Methyl Acetate	2.703	43	156816	103.553	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	357129	102.046	ug/l	98
20) Methylene Chloride	2.788	84	114461	97.374	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	106097	96.962	ug/l	98
22) Diisopropyl ether	3.757	45	361129	100.114	ug/l	99
23) Vinyl Acetate	3.721	43	1711619	518.001	ug/l	100
24) 1,1-Dichloroethane	3.605	63	207731	98.755	ug/l	99
25) 2-Butanone	4.556	43	438163	511.977	ug/l	99
26) 2,2-Dichloropropane	4.477	77	173290	103.470	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	124832	97.517	ug/l	100
28) Bromochloromethane	4.897	49	90949	103.362	ug/l	99
29) Tetrahydrofuran	4.995	42	300921	504.023	ug/l	98
30) Chloroform	5.086	83	223252	99.990	ug/l	100
31) Cyclohexane	5.464	56	172490	101.080	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	196840	103.291	ug/l	99
36) 1,1-Dichloropropene	5.690	75	161058	98.763	ug/l	99
37) Ethyl Acetate	4.715	43	179749	100.716	ug/l	99
38) Carbon Tetrachloride	5.678	117	165319	104.938	ug/l	97
39) Methylcyclohexane	7.379	83	183333	104.128	ug/l	100
40) Benzene	6.037	78	446723	101.180	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	98791	99.098	ug/l	95
42) 1,2-Dichloroethane	6.080	62	190108	104.033	ug/l	98
43) Isopropyl Acetate	6.336	43	297389	106.195	ug/l	98
44) Trichloroethene	7.123	130	118269	99.604	ug/l	98
45) 1,2-Dichloropropane	7.427	63	119167	100.850	ug/l	99
46) Dibromomethane	7.580	93	89931	103.520	ug/l	99
47) Bromodichloromethane	7.818	83	178472	104.341	ug/l	98
48) Methyl methacrylate	7.690	41	153752	109.847	ug/l	95
49) 1,4-Dioxane	7.659	88	57457	2169.988	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	969788	523.777	ug/l	99
52) Toluene	8.720	92	284863	105.130	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	195112	112.400	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	198955	106.629	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	120393	107.065	ug/l	97
56) Ethyl methacrylate	9.116	69	197872	113.810	ug/l	96
57) 1,3-Dichloropropane	9.305	76	203519	103.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	501579	550.218	ug/l	97
59) 2-Hexanone	9.433	43	765870	538.007	ug/l	99
60) Dibromochloromethane	9.519	129	132652	108.608	ug/l	100
61) 1,2-Dibromoethane	9.610	107	131159	106.890	ug/l	100
64) Tetrachloroethene	9.275	164	98669	96.958	ug/l	98
65) Chlorobenzene	10.079	112	310106	100.580	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	115888	106.656	ug/l	99
67) Ethyl Benzene	10.195	91	578927	102.578	ug/l	100
68) m/p-Xylenes	10.299	106	429614	203.847	ug/l	96
69) o-Xylene	10.640	106	208872	103.623	ug/l	93
70) Styrene	10.652	104	358194	106.597	ug/l	98
71) Bromoform	10.799	173	100374	112.852	ug/l #	99
73) Isopropylbenzene	10.963	105	565868	101.660	ug/l	100
74) N-amyl acetate	10.841	43	287866	111.351	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	201119	99.909	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	169620m	101.970	ug/l	
77) Bromobenzene	11.195	156	134078	101.871	ug/l	98
78) n-propylbenzene	11.305	91	700087	101.398	ug/l	97
79) 2-Chlorotoluene	11.366	91	408969	98.396	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	486706	102.813	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	60206	102.392	ug/l	96
82) 4-Chlorotoluene	11.451	91	484220	100.746	ug/l	100
83) tert-Butylbenzene	11.713	119	464257	104.023	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	491028	104.544	ug/l	100
85) sec-Butylbenzene	11.890	105	607561	103.623	ug/l	100
86) p-Isopropyltoluene	12.006	119	501073	103.680	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	259398	98.876	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	261309	97.845	ug/l	100
89) n-Butylbenzene	12.329	91	492309	103.540	ug/l	98
90) Hexachloroethane	12.536	117	88090	109.516	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	248529	99.411	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48774	103.929	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	163642	100.297	ug/l	97
94) Hexachlorobutadiene	13.725	225	66061	99.070	ug/l	98
95) Naphthalene	13.774	128	550125	105.511	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	158209	102.008	ug/l	98

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

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