

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040411.D
 Acq On : 22 Feb 2024 21:33
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 23 06:30:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:27:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	81717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	6920	5.200	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.400%#		
35) Dibromofluoromethane	5.385	113	4750	4.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.880%#		
50) Toluene-d8	8.647	98	16822	4.841	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.680%#		
62) 4-Bromofluorobenzene	11.079	95	7123	5.115	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4887	4.961	ug/l	99
3) Chloromethane	1.301	50	5493	4.933	ug/l	99
4) Vinyl Chloride	1.374	62	5575	5.020	ug/l	93
5) Bromomethane	1.599	94	3673	5.622	ug/l	90
6) Chloroethane	1.679	64	3463	5.174	ug/l	94
7) Trichlorofluoromethane	1.886	101	8982	5.069	ug/l	99
8) Diethyl Ether	2.130	74	3053	4.823	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	4883	5.215	ug/l	99
10) Methyl Iodide	2.447	142	4472	4.105	ug/l	98
11) Tert butyl alcohol	2.959	59	6238	24.249	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	4716	5.222	ug/l	88
13) Acrolein	2.233	56	7757	25.203	ug/l	97
14) Allyl chloride	2.666	41	8380	5.025	ug/l	98
15) Acrylonitrile	3.062	53	15179	25.167	ug/l	98
16) Acetone	2.380	43	14707	26.522	ug/l	93
17) Carbon Disulfide	2.508	76	11704	4.714	ug/l	98
18) Methyl Acetate	2.703	43	6989	4.866	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	15765	4.896	ug/l	97
20) Methylene Chloride	2.788	84	5720	4.927	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	5175	5.079	ug/l	86
22) Diisopropyl ether	3.764	45	16351	4.960	ug/l	89
23) Vinyl Acetate	3.721	43	72262	24.018	ug/l	98
24) 1,1-Dichloroethane	3.617	63	9615	5.044	ug/l	96
25) 2-Butanone	4.556	43	21816	25.235	ug/l	99
26) 2,2-Dichloropropane	4.477	77	6048	4.861	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	5773	5.084	ug/l	96
28) Bromochloromethane	4.898	49	4865	5.471	ug/l #	96
29) Tetrahydrofuran	5.007	42	13990	24.310	ug/l	99
30) Chloroform	5.093	83	10414	5.068	ug/l	98
31) Cyclohexane	5.464	56	8011	5.021	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	8277	4.866	ug/l	97
36) 1,1-Dichloropropene	5.690	75	7833	5.261	ug/l	96
37) Ethyl Acetate	4.715	43	9064	5.329	ug/l #	86
38) Carbon Tetrachloride	5.684	117	6568	4.768	ug/l	90
39) Methylcyclohexane	7.379	83	8132	5.154	ug/l	89
40) Benzene	6.038	78	20655	5.100	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	4255m	4.711	ug/l	
42) 1,2-Dichloroethane	6.086	62	8490	5.044	ug/l	98
43) Isopropyl Acetate	6.342	43	12551	4.809	ug/l	97
44) Trichloroethene	7.123	130	5055	4.772	ug/l	98
45) 1,2-Dichloropropane	7.434	63	5418	5.012	ug/l	89
46) Dibromomethane	7.586	93	4040	4.982	ug/l	99
47) Bromodichloromethane	7.824	83	7275	4.820	ug/l	95
48) Methyl methacrylate	7.696	41	6204	4.800	ug/l #	90
49) 1,4-Dioxane	7.671	88	2585	99.217	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	44839	25.294	ug/l	97
52) Toluene	8.714	92	12699	5.116	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	6778	4.454	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	7339	4.528	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	5265	4.954	ug/l	93
56) Ethyl methacrylate	9.116	69	7383	4.546	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	9130	4.931	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	19580	24.046	ug/l	93
59) 2-Hexanone	9.427	43	33142	24.241	ug/l	99
60) Dibromochloromethane	9.519	129	4873	4.572	ug/l	97
61) 1,2-Dibromoethane	9.610	107	5693	4.984	ug/l	100
64) Tetrachloroethene	9.275	164	5131	5.243	ug/l	96
65) Chlorobenzene	10.079	112	13811	5.129	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	4465	4.742	ug/l	99
67) Ethyl Benzene	10.195	91	25345	5.017	ug/l	99
68) m/p-Xylenes	10.299	106	17818	9.673	ug/l	91
69) o-Xylene	10.640	106	8896	4.886	ug/l	93
70) Styrene	10.653	104	14223	4.739	ug/l	97
71) Bromoform	10.799	173	3153	4.142	ug/l #	94
73) Isopropylbenzene	10.963	105	23370	4.968	ug/l	96
74) N-amyl acetate	10.842	43	10155	4.653	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	8769	5.215	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	7226m	4.888	ug/l	
77) Bromobenzene	11.201	156	5607	4.878	ug/l	95
78) n-propylbenzene	11.305	91	28869	4.969	ug/l	98
79) 2-Chlorotoluene	11.366	91	16879	4.868	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	19332	4.838	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	1615	3.802	ug/l #	77
82) 4-Chlorotoluene	11.457	91	20426	5.026	ug/l	100
83) tert-Butylbenzene	11.713	119	18058	4.794	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	19499	4.836	ug/l	97
85) sec-Butylbenzene	11.890	105	25473	5.080	ug/l	98
86) p-Isopropyltoluene	12.012	119	18945	4.729	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	10469	4.762	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	10884	4.776	ug/l	90
89) n-Butylbenzene	12.335	91	18755	4.758	ug/l	93
90) Hexachloroethane	12.536	117	2812	4.383	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	10542	4.959	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1624	4.235	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	6508	4.755	ug/l	95
94) Hexachlorobutadiene	13.725	225	2527	5.098	ug/l	95
95) Naphthalene	13.774	128	20070	4.570	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6177	4.688	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

