

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040415.D
 Acq On : 22 Feb 2024 23:04
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 23 06:33:09 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	81806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137172	102.960	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 205.920%#			
35) Dibromofluoromethane	5.385	113	100557	104.271	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 208.540%#			
50) Toluene-d8	8.647	98	368155	105.687	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 211.380%#			
62) 4-Bromofluorobenzene	11.079	95	146265	104.784	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 209.560%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	107499	109.018	ug/l	99
3) Chloromethane	1.295	50	112671	101.077	ug/l	99
4) Vinyl Chloride	1.374	62	116347	104.646	ug/l	97
5) Bromomethane	1.593	94	60902	93.110	ug/l	99
6) Chloroethane	1.673	64	67145	100.204	ug/l	95
7) Trichlorofluoromethane	1.880	101	184091	103.779	ug/l	99
8) Diethyl Ether	2.136	74	65750	103.762	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	95176	101.541	ug/l	99
10) Methyl Iodide	2.447	142	119408	109.486	ug/l	96
11) Tert butyl alcohol	2.977	59	136467	529.907	ug/l #	90
12) 1,1-Dichloroethene	2.313	96	96303	106.526	ug/l	98
13) Acrolein	2.233	56	160217	519.987	ug/l	100
14) Allyl chloride	2.660	41	176192	105.529	ug/l	95
15) Acrylonitrile	3.063	53	314638	521.115	ug/l	99
16) Acetone	2.380	43	274186	493.921	ug/l	98
17) Carbon Disulfide	2.508	76	268156	107.892	ug/l	99
18) Methyl Acetate	2.703	43	153872	107.010	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	341085	105.816	ug/l	100
20) Methylene Chloride	2.788	84	111228	95.694	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	104252	102.200	ug/l	99
22) Diisopropyl ether	3.764	45	351390	106.473	ug/l	89
23) Vinyl Acetate	3.721	43	1642852	545.448	ug/l	99
24) 1,1-Dichloroethane	3.605	63	202130	105.912	ug/l	98
25) 2-Butanone	4.556	43	456923	527.958	ug/l	98
26) 2,2-Dichloropropane	4.471	77	134681	108.119	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	120387	105.903	ug/l	97
28) Bromochloromethane	4.904	49	83554	93.865	ug/l	99
29) Tetrahydrofuran	5.001	42	302868	525.705	ug/l	99
30) Chloroform	5.093	83	214069	104.073	ug/l	100
31) Cyclohexane	5.471	56	169584	106.170	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	185645	109.020	ug/l	99
36) 1,1-Dichloropropene	5.690	75	155142	103.949	ug/l	100
37) Ethyl Acetate	4.715	43	178210	104.511	ug/l	99
38) Carbon Tetrachloride	5.678	117	153977	111.508	ug/l	98
39) Methylcyclohexane	7.379	83	173989	109.998	ug/l	97
40) Benzene	6.038	78	430522	106.034	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	98557	108.848	ug/l	95
42) 1,2-Dichloroethane	6.086	62	181271	107.426	ug/l	99
43) Isopropyl Acetate	6.342	43	289223	110.540	ug/l	98
44) Trichloroethene	7.123	130	113428	106.815	ug/l	99
45) 1,2-Dichloropropane	7.428	63	115202	106.318	ug/l	100
46) Dibromomethane	7.580	93	86810	106.784	ug/l	99
47) Bromodichloromethane	7.824	83	167119	110.457	ug/l	96
48) Methyl methacrylate	7.690	41	149098	115.067	ug/l	94
49) 1,4-Dioxane	7.659	88	59738	2287.267	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	965735	543.451	ug/l	99
52) Toluene	8.720	92	271611	109.159	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	178910	117.290	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	183671	113.033	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	115822	108.712	ug/l	96
56) Ethyl methacrylate	9.116	69	187734	115.323	ug/l	96
57) 1,3-Dichloropropane	9.305	76	194193	104.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	446571	547.092	ug/l	96
59) 2-Hexanone	9.433	43	764220	557.611	ug/l	99
60) Dibromochloromethane	9.519	129	122504	114.668	ug/l	100
61) 1,2-Dibromoethane	9.610	107	123511	107.858	ug/l	100
64) Tetrachloroethene	9.275	164	99849	100.700	ug/l	98
65) Chlorobenzene	10.080	112	292281	107.129	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	108379	113.592	ug/l	99
67) Ethyl Benzene	10.195	91	554721	108.385	ug/l	98
68) m/p-Xylenes	10.299	106	409208	219.268	ug/l	96
69) o-Xylene	10.640	106	199262	108.018	ug/l	94
70) Styrene	10.653	104	345548	113.635	ug/l	99
71) Bromoform	10.799	173	92348	119.723	ug/l #	100
73) Isopropylbenzene	10.964	105	537406	105.551	ug/l	100
74) N-amyl acetate	10.842	43	275831	116.765	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	190909	104.890	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	162381m	101.484	ug/l	
77) Bromobenzene	11.195	156	128153	103.010	ug/l	99
78) n-propylbenzene	11.305	91	664650	105.683	ug/l	98
79) 2-Chlorotoluene	11.366	91	388871	103.603	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	465257	107.562	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	52861	114.953	ug/l	99
82) 4-Chlorotoluene	11.457	91	462068	105.041	ug/l	100
83) tert-Butylbenzene	11.713	119	438404	107.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	467912	107.212	ug/l	99
85) sec-Butylbenzene	11.890	105	581847	107.201	ug/l	99
86) p-Isopropyltoluene	12.006	119	474570	109.433	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	247538	104.033	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	248525	100.747	ug/l	98
89) n-Butylbenzene	12.329	91	464044	108.757	ug/l	96
90) Hexachloroethane	12.536	117	82985	119.486	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	234709	102.005	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48398	116.606	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	153371	103.535	ug/l	98
94) Hexachlorobutadiene	13.725	225	57931	107.978	ug/l	98
95) Naphthalene	13.774	128	524153	110.264	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	149473	104.803	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Feb 23 06:27:42 2024
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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

