

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039698.D
 Acq On : 10 Jan 2024 12:21
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 11 03:33:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172160	94.576	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 189.160%#			
35) Dibromofluoromethane	5.385	113	127031	96.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 193.620%#			
50) Toluene-d8	8.647	98	475854	96.152	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 192.300%#			
62) 4-Bromofluorobenzene	11.079	95	193995	100.241	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 200.480%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	143722	102.223	ug/l	99
3) Chloromethane	1.294	50	151071	94.086	ug/l	99
4) Vinyl Chloride	1.374	62	145670	96.131	ug/l	99
5) Bromomethane	1.599	94	74748	86.452	ug/l	95
6) Chloroethane	1.672	64	81812	95.161	ug/l	100
7) Trichlorofluoromethane	1.880	101	214274	98.023	ug/l	100
8) Diethyl Ether	2.130	74	77667	96.144	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	130527	96.315	ug/l	97
10) Methyl Iodide	2.447	142	154602	108.137	ug/l	94
11) Tert butyl alcohol	2.977	59	230896	487.277	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	128196	98.017	ug/l	98
13) Acrolein	2.233	56	149304	529.340	ug/l	100
14) Allyl chloride	2.660	41	256973	99.827	ug/l	97
15) Acrylonitrile	3.062	53	480513	490.919	ug/l	99
16) Acetone	2.380	43	481406	470.242	ug/l	93
17) Carbon Disulfide	2.508	76	368456	98.016	ug/l	99
18) Methyl Acetate	2.703	43	209318	97.731	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	449952	96.905	ug/l	96
20) Methylene Chloride	2.788	84	146114	94.358	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	133588	97.059	ug/l	97
22) Diisopropyl ether	3.757	45	473229	96.333	ug/l	99
23) Vinyl Acetate	3.721	43	2315188	507.009	ug/l	99
24) 1,1-Dichloroethane	3.605	63	266305	98.540	ug/l	99
25) 2-Butanone	4.556	43	717235	487.522	ug/l	100
26) 2,2-Dichloropropane	4.471	77	219634	101.260	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	156316	99.022	ug/l	99
28) Bromochloromethane	4.897	49	119606	97.636	ug/l	95
29) Tetrahydrofuran	5.001	42	458641	484.350	ug/l	100
30) Chloroform	5.093	83	263779	98.872	ug/l	95
31) Cyclohexane	5.471	56	234866	97.763	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	230495	100.917	ug/l	98
36) 1,1-Dichloropropene	5.690	75	195702	95.816	ug/l	99
37) Ethyl Acetate	4.715	43	267845	98.299	ug/l	99
38) Carbon Tetrachloride	5.672	117	195261	104.380	ug/l	95
39) Methylcyclohexane	7.379	83	242228	98.762	ug/l	98
40) Benzene	6.038	78	563830	97.489	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	134818	101.180	ug/l	93
42) 1,2-Dichloroethane	6.086	62	220851	100.441	ug/l	100
43) Isopropyl Acetate	6.336	43	412493	103.196	ug/l	100
44) Trichloroethene	7.123	130	138876	97.978	ug/l	96
45) 1,2-Dichloropropane	7.428	63	153255	98.780	ug/l	97
46) Dibromomethane	7.580	93	107106	99.949	ug/l	96
47) Bromodichloromethane	7.818	83	206579	104.087	ug/l	98
48) Methyl methacrylate	7.690	41	200642	102.121	ug/l	95
49) 1,4-Dioxane	7.659	88	77806	2046.604	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	1355155	492.265	ug/l	99
52) Toluene	8.720	92	344934	99.851	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	232378	110.342	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	245337	105.946	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	143670	97.684	ug/l	94
56) Ethyl methacrylate	9.116	69	252403	106.034	ug/l	97
57) 1,3-Dichloropropane	9.305	76	245455	98.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	578219	513.904	ug/l	95
59) 2-Hexanone	9.433	43	1116797	512.583	ug/l	99
60) Dibromochloromethane	9.519	129	150245	108.323	ug/l	100
61) 1,2-Dibromoethane	9.610	107	154858	101.675	ug/l	100
64) Tetrachloroethene	9.275	164	107511	93.008	ug/l	97
65) Chlorobenzene	10.079	112	359589	97.128	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	133220	105.678	ug/l	99
67) Ethyl Benzene	10.195	91	685039	99.666	ug/l	100
68) m/p-Xylenes	10.299	106	501874	198.541	ug/l	96
69) o-Xylene	10.640	106	247538	98.883	ug/l	95
70) Styrene	10.653	104	416230	101.785	ug/l	98
71) Bromoform	10.799	173	106888	112.919	ug/l #	100
73) Isopropylbenzene	10.963	105	661075	94.535	ug/l	100
74) N-amyl acetate	10.842	43	384601	105.511	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	247997	92.872	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	213639m	93.818	ug/l	
77) Bromobenzene	11.195	156	146505	94.094	ug/l	93
78) n-propylbenzene	11.305	91	824204	97.380	ug/l	97
79) 2-Chlorotoluene	11.366	91	487870	93.263	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	568761	95.764	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	83239	99.523	ug/l	95
82) 4-Chlorotoluene	11.451	91	567927	95.714	ug/l	99
83) tert-Butylbenzene	11.713	119	550903	97.157	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	578017	97.550	ug/l	99
85) sec-Butylbenzene	11.890	105	726764	98.738	ug/l	98
86) p-Isopropyltoluene	12.006	119	584893	99.425	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	285251	95.574	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	285249	92.536	ug/l	99
89) n-Butylbenzene	12.329	91	581390	102.324	ug/l	97
90) Hexachloroethane	12.536	117	108673	109.501	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	268711	91.068	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	66077	100.983	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	176622	97.950	ug/l	97
94) Hexachlorobutadiene	13.725	225	74121	98.884	ug/l	97
95) Naphthalene	13.774	128	657691	99.077	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	173561	95.370	ug/l	99

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

