

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041095.D
 Acq On : 16 Apr 2024 10:57
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 01:40:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	215265	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	300088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208516	89.719	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 179.440%#			
35) Dibromofluoromethane	5.385	113	183305	91.440	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 182.880%#			
50) Toluene-d8	8.647	98	643956	91.710	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 183.420%#			
62) 4-Bromofluorobenzene	11.079	95	248843	93.357	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 186.720%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	161375	94.513	ug/l	98
3) Chloromethane	1.300	50	176174	92.841	ug/l	96
4) Vinyl Chloride	1.374	62	204420	93.989	ug/l	99
5) Bromomethane	1.599	94	118625	86.999	ug/l	97
6) Chloroethane	1.678	64	118451	82.511	ug/l	97
7) Trichlorofluoromethane	1.880	101	322570	94.489	ug/l	100
8) Diethyl Ether	2.136	74	125120	93.396	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	189598	95.539	ug/l #	86
10) Methyl Iodide	2.453	142	210780	101.106	ug/l	89
11) Tert butyl alcohol	2.971	59	216503	476.175	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	181334	95.443	ug/l	83
13) Acrolein	2.239	56	270329	472.762	ug/l	99
14) Allyl chloride	2.660	41	309232	100.639	ug/l #	92
15) Acrylonitrile	3.068	53	549866	488.447	ug/l	99
16) Acetone	2.379	43	439239	449.638	ug/l	94
17) Carbon Disulfide	2.507	76	404721	93.583	ug/l	99
18) Methyl Acetate	2.703	43	239916	98.374	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	596323	101.548	ug/l	100
20) Methylene Chloride	2.788	84	195785	93.926	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	186518	95.705	ug/l	86
22) Diisopropyl ether	3.763	45	590207	100.299	ug/l	86
23) Vinyl Acetate	3.721	43	2760434	517.619	ug/l	95
24) 1,1-Dichloroethane	3.611	63	335353	97.337	ug/l	98
25) 2-Butanone	4.556	43	747544	487.046	ug/l	94
26) 2,2-Dichloropropane	4.477	77	276903	101.254	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	230888	98.066	ug/l	89
28) Bromochloromethane	4.903	49	132442	101.924	ug/l #	73
29) Tetrahydrofuran	5.001	42	496849	488.972	ug/l	95
30) Chloroform	5.092	83	360242	96.224	ug/l	97
31) Cyclohexane	5.470	56	280665	97.486	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	323575	98.485	ug/l	97
36) 1,1-Dichloropropene	5.690	75	242994	95.745	ug/l	95
37) Ethyl Acetate	4.714	43	290131	95.726	ug/l	97
38) Carbon Tetrachloride	5.678	117	293896	99.869	ug/l	98
39) Methylcyclohexane	7.379	83	318977	100.164	ug/l	92
40) Benzene	6.037	78	744922	96.153	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	165225	104.021	ug/l	95
42) 1,2-Dichloroethane	6.086	62	266719	96.078	ug/l	94
43) Isopropyl Acetate	6.336	43	463638	103.014	ug/l	96
44) Trichloroethene	7.123	130	218557	94.982	ug/l	87
45) 1,2-Dichloropropane	7.427	63	184351	100.213	ug/l	98
46) Dibromomethane	7.580	93	142514	98.531	ug/l #	76
47) Bromodichloromethane	7.824	83	288558	102.493	ug/l	97
48) Methyl methacrylate	7.689	41	233529	106.302	ug/l	92
49) 1,4-Dioxane	7.659	88	100321	1954.246	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	1526085	499.136	ug/l	96
52) Toluene	8.720	92	494865	97.852	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	293362	108.639	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	312170	105.226	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	202306	99.631	ug/l	97
56) Ethyl methacrylate	9.116	69	327574	99.749	ug/l	94
57) 1,3-Dichloropropane	9.305	76	327765	99.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	753295	527.494	ug/l	92
59) 2-Hexanone	9.433	43	1193187	504.484	ug/l	95
60) Dibromochloromethane	9.518	129	257515	104.847	ug/l	100
61) 1,2-Dibromoethane	9.610	107	216504	97.610	ug/l	99
64) Tetrachloroethene	9.275	164	213509	95.914	ug/l	89
65) Chlorobenzene	10.079	112	591049	95.588	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	218026	103.074	ug/l	99
67) Ethyl Benzene	10.195	91	966899	100.210	ug/l	97
68) m/p-Xylenes	10.299	106	778302	202.800	ug/l	91
69) o-Xylene	10.640	106	380494	101.850	ug/l	92
70) Styrene	10.652	104	663985	104.672	ug/l	95
71) Bromoform	10.799	173	215252	108.042	ug/l #	99
73) Isopropylbenzene	10.963	105	984508	99.635	ug/l	96
74) N-amyl acetate	10.841	43	423983	108.165	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	317506	97.924	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	258419m	94.665	ug/l	
77) Bromobenzene	11.195	156	286352	98.711	ug/l	77
78) n-propylbenzene	11.305	91	1122215	101.276	ug/l	95
79) 2-Chlorotoluene	11.366	91	665209	98.476	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	837038	101.693	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	107268	98.981	ug/l	88
82) 4-Chlorotoluene	11.451	91	788560	100.260	ug/l	92
83) tert-Butylbenzene	11.713	119	900871	102.622	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	841230	102.407	ug/l	93
85) sec-Butylbenzene	11.890	105	1080385	102.569	ug/l	95
86) p-Isopropyltoluene	12.006	119	964199	103.144	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	528252	96.528	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	534330	92.583	ug/l	95
89) n-Butylbenzene	12.329	91	830989	104.779	ug/l	97
90) Hexachloroethane	12.536	117	170621	107.785	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	528006	97.227	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	74596	106.070	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	410860	100.665	ug/l	96
94) Hexachlorobutadiene	13.725	225	197650	101.583	ug/l	99
95) Naphthalene	13.774	128	1157979	105.043	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	407310	100.504	ug/l	95

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

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