

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041292.D
 Acq On : 30 Apr 2024 10:37
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 01 02:28:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:16:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	226539	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	323427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	361275	146.491	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 292.980%#			
35) Dibromofluoromethane	5.385	113	311851	142.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 284.560%#			
50) Toluene-d8	8.646	98	1048176	151.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 302.200%#			
62) 4-Bromofluorobenzene	11.079	95	406969	151.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 303.100%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	294093	157.989	ug/l	96
3) Chloromethane	1.300	50	288279	149.661	ug/l	98
4) Vinyl Chloride	1.373	62	286024	155.767	ug/l	100
5) Bromomethane	1.599	94	196464	170.671	ug/l	97
6) Chloroethane	1.666	64	126621	148.516	ug/l	98
7) Trichlorofluoromethane	1.861	101	497026	156.971	ug/l	99
8) Diethyl Ether	2.135	74	179455	160.798	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.318	101	285180	160.249	ug/l	# 86
10) Methyl Iodide	2.440	142	308176	160.899	ug/l	90
11) Tert butyl alcohol	3.062	59	400696	811.759	ug/l	97
12) 1,1-Dichloroethene	2.306	96	284146	161.861	ug/l	88
13) Acrolein	2.245	56	310546	793.029	ug/l	98
14) Allyl chloride	2.660	41	442303	149.966	ug/l	# 94
15) Acrylonitrile	3.074	53	872372	774.355	ug/l	100
16) Acetone	2.398	43	789691	734.725	ug/l	95
17) Carbon Disulfide	2.501	76	737436	178.701	ug/l	99
18) Methyl Acetate	2.709	43	375170	148.689	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	979054	152.990	ug/l	100
20) Methylene Chloride	2.788	84	314576	146.930	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	307063	156.517	ug/l	88
22) Diisopropyl ether	3.769	45	892066	142.716	ug/l	# 84
23) Vinyl Acetate	3.727	43	4213815	753.623	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	528734	149.728	ug/l	97
25) 2-Butanone	4.568	43	1177965	737.989	ug/l	96
26) 2,2-Dichloropropane	4.470	77	470350	159.305	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	363591	156.527	ug/l	90
28) Bromochloromethane	4.903	49	138137	109.608	ug/l	# 74
29) Tetrahydrofuran	5.019	42	758570	726.670	ug/l	95
30) Chloroform	5.098	83	544025	148.079	ug/l	96
31) Cyclohexane	5.464	56	448951	150.833	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	519782	155.508	ug/l	97
36) 1,1-Dichloropropene	5.690	75	374424	142.865	ug/l	96
37) Ethyl Acetate	4.720	43	461314	141.070	ug/l	99
38) Carbon Tetrachloride	5.671	117	451893	150.511	ug/l	99
39) Methylcyclohexane	7.378	83	502172	163.097	ug/l	92
40) Benzene	6.037	78	1187563	146.988	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	245291	145.741	ug/l	94
42) 1,2-Dichloroethane	6.086	62	430799	145.493	ug/l	96
43) Isopropyl Acetate	6.348	43	758390	154.246	ug/l	97
44) Trichloroethene	7.122	130	343472	160.995	ug/l	88
45) 1,2-Dichloropropane	7.427	63	290049	160.679	ug/l	99
46) Dibromomethane	7.580	93	224855	156.473	ug/l #	77
47) Bromodichloromethane	7.823	83	428134	167.190	ug/l	97
48) Methyl methacrylate	7.695	41	368061	163.300	ug/l	94
49) 1,4-Dioxane	7.677	88	163960	3528.936	ug/l #	89
51) 4-Methyl-2-Pentanone	8.579	43	2297146	778.610	ug/l	97
52) Toluene	8.720	92	766880	155.166	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	463929	182.850	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	467786	166.163	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	297707	156.414	ug/l	98
56) Ethyl methacrylate	9.116	69	497205	168.792	ug/l	97
57) 1,3-Dichloropropane	9.311	76	489234	154.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1134648	794.412	ug/l	92
59) 2-Hexanone	9.439	43	1826822	774.348	ug/l	95
60) Dibromochloromethane	9.524	129	388517	173.393	ug/l	99
61) 1,2-Dibromoethane	9.610	107	334621	159.804	ug/l	99
64) Tetrachloroethene	9.274	164	310317	149.738	ug/l	89
65) Chlorobenzene	10.079	112	853791	146.959	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	322114	156.914	ug/l	98
67) Ethyl Benzene	10.195	91	1436966	149.914	ug/l	96
68) m/p-Xylenes	10.299	106	1163824	303.202	ug/l	90
69) o-Xylene	10.640	106	571430	155.480	ug/l	91
70) Styrene	10.652	104	968888	160.656	ug/l	96
71) Bromoform	10.799	173	325002	176.906	ug/l #	98
73) Isopropylbenzene	10.963	105	1427163	139.692	ug/l	95
74) N-amyl acetate	10.841	43	677009	151.677	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	481396	143.798	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	390332m	140.446	ug/l	
77) Bromobenzene	11.195	156	428588	148.635	ug/l	78
78) n-propylbenzene	11.305	91	1624603	151.403	ug/l	94
79) 2-Chlorotoluene	11.366	91	1000287	144.658	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1256560	150.875	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	167129	166.902	ug/l	89
82) 4-Chlorotoluene	11.451	91	1165855	148.513	ug/l	91
83) tert-Butylbenzene	11.713	119	1340859	150.344	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	1258011	150.119	ug/l	92
85) sec-Butylbenzene	11.890	105	1527781	149.479	ug/l	94
86) p-Isopropyltoluene	12.006	119	1377631	150.080	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	760850	145.169	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	781074	144.647	ug/l	95
89) n-Butylbenzene	12.329	91	1171552	158.722	ug/l	97
90) Hexachloroethane	12.536	117	256816	167.296	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	788784	142.484	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	124005	160.299	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.585	180	624272	161.327	ug/l	95
94) Hexachlorobutadiene	13.725	225	282739	146.317	ug/l	99
95) Naphthalene	13.774	128	1721493	150.122	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	593610	150.098	ug/l	95

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

