

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039185.D
 Acq On : 13 Dec 2023 12:06
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 14 01:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:05:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	120488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102346	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	348572	157.921	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 315.840%#			
35) Dibromofluoromethane	5.385	113	241822	157.563	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 315.120%#			
50) Toluene-d8	8.646	98	874989	153.564	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 307.120%#			
62) 4-Bromofluorobenzene	11.079	95	374839	159.444	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 318.880%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	276844	163.515	ug/l	98
3) Chloromethane	1.294	50	297649	158.579	ug/l	98
4) Vinyl Chloride	1.373	62	272155	155.906	ug/l	99
5) Bromomethane	1.599	94	135819	135.237	ug/l	99
6) Chloroethane	1.672	64	149334	141.957	ug/l	99
7) Trichlorofluoromethane	1.879	101	391929	153.329	ug/l	100
8) Diethyl Ether	2.135	74	137075	154.943	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.324	101	234762	150.504	ug/l	96
10) Methyl Iodide	2.452	142	258729	160.473	ug/l	96
11) Tert butyl alcohol	2.989	59	413593	746.183	ug/l	# 92
12) 1,1-Dichloroethene	2.312	96	233681	150.817	ug/l	100
13) Acrolein	2.233	56	368909	834.290	ug/l	99
14) Allyl chloride	2.660	41	482581	153.748	ug/l	98
15) Acrylonitrile	3.062	53	808247	728.507	ug/l	99
16) Acetone	2.379	43	893934	756.406	ug/l	95
17) Carbon Disulfide	2.507	76	700103	154.405	ug/l	98
18) Methyl Acetate	2.702	43	729042	152.706	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	865320	154.421	ug/l	99
20) Methylene Chloride	2.788	84	275412	149.680	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	249584	148.034	ug/l	95
22) Diisopropyl ether	3.757	45	854825	149.613	ug/l	94
23) Vinyl Acetate	3.720	43	3253564	764.897	ug/l	100
24) 1,1-Dichloroethane	3.605	63	493320	152.741	ug/l	98
25) 2-Butanone	4.556	43	1264720	664.002	ug/l	97
26) 2,2-Dichloropropane	4.470	77	441830	156.694	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	289701	155.676	ug/l	97
28) Bromochloromethane	4.897	49	259760	164.831	ug/l	95
29) Tetrahydrofuran	5.001	42	782581	743.998	ug/l	99
30) Chloroform	5.092	83	498087	154.321	ug/l	100
31) Cyclohexane	5.470	56	425056	149.095	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	440915	157.360	ug/l	99
36) 1,1-Dichloropropene	5.690	75	370460	152.962	ug/l	99
37) Ethyl Acetate	4.714	43	454548	151.913	ug/l	100
38) Carbon Tetrachloride	5.671	117	373258	161.495	ug/l	98
39) Methylcyclohexane	7.378	83	440468	151.406	ug/l	98
40) Benzene	6.037	78	1041113	151.966	ug/l	100

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41) Methacrylonitrile	4.921	41	251485	157.526	ug/l	98
42) 1,2-Dichloroethane	6.086	62	436535	157.411	ug/l	99
43) Isopropyl Acetate	6.336	43	760933	156.388	ug/l	100
44) Trichloroethene	7.122	130	261420	151.213	ug/l	92
45) 1,2-Dichloropropane	7.427	63	284211	154.574	ug/l	99
46) Dibromomethane	7.580	93	200488	155.116	ug/l	95
47) Bromodichloromethane	7.817	83	399792	161.774	ug/l	98
48) Methyl methacrylate	7.695	41	454843	159.899	ug/l	96
49) 1,4-Dioxane	7.659	88	127628	3328.561	ug/l #	100
51) 4-Methyl-2-Pentanone	8.579	43	2316549	747.238	ug/l	99
52) Toluene	8.720	92	625456	151.258	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	459414	168.855	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	468591	160.065	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	266726	154.509	ug/l	93
56) Ethyl methacrylate	9.116	69	351956	167.010	ug/l	96
57) 1,3-Dichloropropane	9.305	76	459832	154.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1048303	847.157	ug/l	95
59) 2-Hexanone	9.433	43	1879895	702.620	ug/l	99
60) Dibromochloromethane	9.524	129	290700	166.508	ug/l	99
61) 1,2-Dibromoethane	9.610	107	287054	155.766	ug/l	99
64) Tetrachloroethene	9.274	164	195523	146.895	ug/l	94
65) Chlorobenzene	10.079	112	664124	149.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	252755	160.947	ug/l	99
67) Ethyl Benzene	10.195	91	1257497	151.948	ug/l	98
68) m/p-Xylenes	10.299	106	885935	298.569	ug/l	94
69) o-Xylene	10.640	106	440063	153.389	ug/l	93
70) Styrene	10.652	104	671483	160.098	ug/l	95
71) Bromoform	10.798	173	208462	178.584	ug/l #	100
73) Isopropylbenzene	10.963	105	1196748	151.556	ug/l	100
74) N-amyl acetate	10.841	43	664920	166.428	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	444766	151.409	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	384247m	145.116	ug/l	
77) Bromobenzene	11.201	156	269128	154.125	ug/l	90
78) n-propylbenzene	11.304	91	1476068	151.717	ug/l	97
79) 2-Chlorotoluene	11.365	91	884657	150.327	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1032308	153.460	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	160635	171.138	ug/l	93
82) 4-Chlorotoluene	11.451	91	1037116	150.045	ug/l	97
83) tert-Butylbenzene	11.713	119	1005197	157.013	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1068631	154.909	ug/l	99
85) sec-Butylbenzene	11.890	105	1252567	153.755	ug/l	98
86) p-Isopropyltoluene	12.012	119	1064726	155.735	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	519144	151.332	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	521568	146.021	ug/l	98
89) n-Butylbenzene	12.329	91	1066084	158.623	ug/l	97
90) Hexachloroethane	12.536	117	212047	171.699	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	486152	148.111	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	130347	168.468	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	336051	156.353	ug/l	99
94) Hexachlorobutadiene	13.725	225	126587	156.285	ug/l	98
95) Naphthalene	13.774	128	1229435	164.252	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	324307	156.302	ug/l	98

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

