

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040741.D
 Acq On : 21 Mar 2024 13:47
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 22 02:04:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	51812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	84731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	74239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40813	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	126623	145.344	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 290.680%#			
35) Dibromofluoromethane	5.385	113	88792	140.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 280.100%#			
50) Toluene-d8	8.647	98	284933	131.252	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 262.500%#			
62) 4-Bromofluorobenzene	11.079	95	116463	135.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 271.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	89801	133.933	ug/l	97
3) Chloromethane	1.294	50	82942	120.944	ug/l	99
4) Vinyl Chloride	1.374	62	86473	133.165	ug/l	97
5) Bromomethane	1.599	94	50496	115.355	ug/l	98
6) Chloroethane	1.672	64	54334	119.039	ug/l	99
7) Trichlorofluoromethane	1.880	101	151535	133.369	ug/l	99
8) Diethyl Ether	2.136	74	48425	132.592	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	85185	130.377	ug/l	98
10) Methyl Iodide	2.453	142	115339	133.328	ug/l	100
11) Tert butyl alcohol	2.983	59	97543	699.192	ug/l	# 90
12) 1,1-Dichloroethene	2.319	96	78848	128.839	ug/l	98
13) Acrolein	2.239	56	58707	711.089	ug/l	100
14) Allyl chloride	2.660	41	147997	134.934	ug/l	88
15) Acrylonitrile	3.062	53	233459	677.880	ug/l	98
16) Acetone	2.380	43	187803	608.603	ug/l	100
17) Carbon Disulfide	2.514	76	228509	129.991	ug/l	99
18) Methyl Acetate	2.703	43	108114	130.727	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	292637	138.543	ug/l	100
20) Methylene Chloride	2.788	84	88966	131.894	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	84100	130.173	ug/l	99
22) Diisopropyl ether	3.757	45	296487	138.531	ug/l	99
23) Vinyl Acetate	3.721	43	1424160	703.968	ug/l	99
24) 1,1-Dichloroethane	3.605	63	165771	134.851	ug/l	98
25) 2-Butanone	4.550	43	325215	672.865	ug/l	97
26) 2,2-Dichloropropane	4.477	77	153687	143.291	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	101033	135.001	ug/l	99
28) Bromochloromethane	4.897	49	82960	147.554	ug/l	99
29) Tetrahydrofuran	4.995	42	220286	685.206	ug/l	99
30) Chloroform	5.093	83	179349	136.275	ug/l	97
31) Cyclohexane	5.471	56	141003	136.220	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	163445	144.487	ug/l	99
36) 1,1-Dichloropropene	5.690	75	124117	132.959	ug/l	99
37) Ethyl Acetate	4.708	43	141337	133.333	ug/l	99
38) Carbon Tetrachloride	5.678	117	142811	135.918	ug/l	99
39) Methylcyclohexane	7.379	83	145693	140.876	ug/l	98
40) Benzene	6.037	78	345840	134.166	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	76859	141.426	ug/l	96
42) 1,2-Dichloroethane	6.086	62	148851	142.703	ug/l	98
43) Isopropyl Acetate	6.336	43	236773	142.243	ug/l	98
44) Trichloroethene	7.123	130	84000	135.956	ug/l	97
45) 1,2-Dichloropropane	7.427	63	84588	139.866	ug/l	97
46) Dibromomethane	7.580	93	67319	140.544	ug/l	98
47) Bromodichloromethane	7.818	83	135225	138.165	ug/l	99
48) Methyl methacrylate	7.690	41	111739	146.870	ug/l	94
49) 1,4-Dioxane	7.659	88	34937	2720.950	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	685144	663.711	ug/l	97
52) Toluene	8.714	92	203541	132.399	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	147732	145.913	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	147250	140.626	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	83069	132.687	ug/l	95
56) Ethyl methacrylate	9.116	69	151536	144.811	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	143685	134.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	470039	855.863	ug/l	97
59) 2-Hexanone	9.433	43	567435	709.587	ug/l	97
60) Dibromochloromethane	9.519	129	102596	139.458	ug/l	99
61) 1,2-Dibromoethane	9.610	107	89116	134.799	ug/l	99
64) Tetrachloroethene	9.275	164	75909	137.272	ug/l	99
65) Chlorobenzene	10.079	112	226497	134.516	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	79629	138.972	ug/l	99
67) Ethyl Benzene	10.195	91	415936	137.932	ug/l	98
68) m/p-Xylenes	10.299	106	301561	273.142	ug/l	95
69) o-Xylene	10.640	106	145837	137.501	ug/l	93
70) Styrene	10.653	104	255972	144.168	ug/l	97
71) Bromoform	10.799	173	74631	159.472	ug/l #	99
73) Isopropylbenzene	10.963	105	417186	134.717	ug/l	100
74) N-amyl acetate	10.842	43	226909	148.822	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	132814	126.687	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	112355m	127.559	ug/l	
77) Bromobenzene	11.195	156	96225	128.373	ug/l	97
78) n-propylbenzene	11.305	91	501322	131.294	ug/l	98
79) 2-Chlorotoluene	11.366	91	298754	135.599	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	357318	137.638	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	48599	140.064	ug/l #	92
82) 4-Chlorotoluene	11.451	91	367958	133.154	ug/l	99
83) tert-Butylbenzene	11.713	119	353495	135.761	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	362246	138.640	ug/l	99
85) sec-Butylbenzene	11.890	105	446733	134.919	ug/l	100
86) p-Isopropyltoluene	12.006	119	383744	139.765	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	198060	138.365	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	201632	132.637	ug/l	100
89) n-Butylbenzene	12.329	91	387901	140.101	ug/l	95
90) Hexachloroethane	12.536	117	67243	140.648	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	187370	133.233	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35373	135.134	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	137100	137.170	ug/l	99
94) Hexachlorobutadiene	13.725	225	52150	132.374	ug/l	99
95) Naphthalene	13.774	128	438233	138.588	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	129582	131.959	ug/l	99

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

