

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040522\
 Data File : VX027982.D
 Acq On : 05 Apr 2022 15:21
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 05 15:48:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 14:58:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	72045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58694	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163328	182.580	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 365.160%#			
35) Dibromofluoromethane	5.391	113	125901	161.879	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 323.760%#			
50) Toluene-d8	8.653	98	455304	165.513	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 331.020%#			
62) 4-Bromofluorobenzene	11.085	95	175970	152.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 305.960%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	125625	192.815	ug/l	100
3) Chloromethane	1.288	50	107939	185.669	ug/l	100
4) Vinyl Chloride	1.374	62	118312	197.664	ug/l	99
5) Bromomethane	1.599	94	45819	168.971	ug/l	98
6) Chloroethane	1.666	64	59320	149.154	ug/l	98
7) Trichlorofluoromethane	1.874	101	180221	173.636	ug/l	97
8) Diethyl Ether	2.136	74	60411	164.585	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	110179	164.654	ug/l	96
10) Methyl Iodide	2.447	142	148463	186.711	ug/l	96
11) Tert butyl alcohol	2.995	59	136672	796.562	ug/l	99
12) 1,1-Dichloroethene	2.313	96	105810	169.101	ug/l	96
13) Acrolein	2.239	56	122527	929.887	ug/l	98
14) Allyl chloride	2.660	41	172165	155.657	ug/l	96
15) Acrylonitrile	3.068	53	322869	797.541	ug/l	100
16) Acetone	2.386	43	247940	632.212	ug/l	96
17) Carbon Disulfide	2.508	76	286291	213.406	ug/l	100
18) Methyl Acetate	2.703	43	140031	143.364	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	370393	161.930	ug/l	99
20) Methylene Chloride	2.788	84	118609	161.558	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	118762	175.959	ug/l	98
22) Diisopropyl ether	3.763	45	354078	158.040	ug/l	92
23) Vinyl Acetate	3.727	43	1593155	820.471	ug/l	95
24) 1,1-Dichloroethane	3.611	63	208951	164.273	ug/l	97
25) 2-Butanone	4.562	43	483348	817.890	ug/l	93
26) 2,2-Dichloropropane	4.483	77	174675	172.433	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	139474	172.610	ug/l	99
28) Bromochloromethane	4.897	49	86496	158.759	ug/l	99
29) Tetrahydrofuran	5.007	42	315375	828.861	ug/l	89
30) Chloroform	5.099	83	237731	168.683	ug/l	98
31) Cyclohexane	5.470	56	201353	193.067	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	219491	178.825	ug/l	100
36) 1,1-Dichloropropene	5.696	75	173327	175.239	ug/l	99
37) Ethyl Acetate	4.721	43	186401	154.222	ug/l	97
38) Carbon Tetrachloride	5.678	117	197597	181.106	ug/l	98
39) Methylcyclohexane	7.385	83	208561	177.465	ug/l	94
40) Benzene	6.044	78	488961	164.869	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	100447	157.314	ug/l	92
42) 1,2-Dichloroethane	6.092	62	197215	171.914	ug/l	94
43) Isopropyl Acetate	6.342	43	310844	167.731	ug/l	93
44) Trichloroethene	7.129	130	139600	169.746	ug/l	97
45) 1,2-Dichloropropane	7.434	63	123349	158.181	ug/l	96
46) Dibromomethane	7.580	93	92021	154.722	ug/l	96
47) Bromodichloromethane	7.824	83	185294	158.022	ug/l	100
48) Methyl methacrylate	7.696	41	144764	148.486	ug/l	88
49) 1,4-Dioxane	7.671	88	66779	3318.113	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	930679	719.854	ug/l	93
52) Toluene	8.720	92	316682	168.091	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	188663	160.606	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	204021	163.788	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	130586	157.895	ug/l	99
56) Ethyl methacrylate	9.122	69	214477	166.939	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	213223	155.315	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	507156	796.588	ug/l	99
59) 2-Hexanone	9.439	43	650025	651.834	ug/l	92
60) Dibromochloromethane	9.525	129	145403	168.834	ug/l	97
61) 1,2-Dibromoethane	9.616	107	141675	163.605	ug/l	99
64) Tetrachloroethene	9.275	164	123964	160.802	ug/l	95
65) Chlorobenzene	10.079	112	351197	159.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	131401	160.321	ug/l	100
67) Ethyl Benzene	10.195	91	624052	157.492	ug/l	99
68) m/p-Xylenes	10.305	106	488900	331.363	ug/l	97
69) o-Xylene	10.646	106	236830	165.279	ug/l	97
70) Styrene	10.659	104	407905	166.857	ug/l	97
71) Bromoform	10.805	173	115470	193.266	ug/l #	100
73) Isopropylbenzene	10.963	105	592331	138.130	ug/l	99
74) N-amyl acetate	10.848	43	226555	122.500	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.219	83	189031	131.283	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	164603m	124.176	ug/l	
77) Bromobenzene	11.201	156	154840	156.056	ug/l	95
78) n-propylbenzene	11.305	91	691745	135.347	ug/l	97
79) 2-Chlorotoluene	11.366	91	418001	130.688	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	519526	139.606	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	62987	155.334	ug/l	96
82) 4-Chlorotoluene	11.457	91	486015	132.442	ug/l	97
83) tert-Butylbenzene	11.719	119	521900	144.404	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	529878	142.689	ug/l	100
85) sec-Butylbenzene	11.896	105	648226	145.841	ug/l	99
86) p-Isopropyltoluene	12.012	119	574624	154.623	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	298384	152.718	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	299087	148.708	ug/l	98
89) n-Butylbenzene	12.335	91	490402	148.185	ug/l	97
90) Hexachloroethane	12.542	117	97363	162.949	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	290244	150.629	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	54820	159.426	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	185956	155.606	ug/l	98
94) Hexachlorobutadiene	13.725	225	82800	148.597	ug/l	94
95) Naphthalene	13.780	128	631853	153.975	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	180659	155.483	ug/l	95

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

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