

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027700.D
 Acq On : 25 Mar 2022 14:05
 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 25 14:26:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 13:56:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	62703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	106060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101001	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48335	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131306	166.030	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 332.060%#			
35) Dibromofluoromethane	5.391	113	99169	151.177	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 302.360%#			
50) Toluene-d8	8.653	98	412566	166.103	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 332.200%#			
62) 4-Bromofluorobenzene	11.085	95	176260	188.604	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 377.200%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	118448	190.017	ug/l	99
3) Chloromethane	1.295	50	103807	185.592	ug/l	97
4) Vinyl Chloride	1.374	62	113089	180.099	ug/l	100
5) Bromomethane	1.593	94	41395	126.508	ug/l	96
6) Chloroethane	1.666	64	48814	128.533	ug/l	98
7) Trichlorofluoromethane	1.874	101	153460	151.885	ug/l	99
8) Diethyl Ether	2.136	74	54418	145.344	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.319	101	100278	164.294	ug/l	93
10) Methyl Iodide	2.447	142	118211	152.857	ug/l	# 90
11) Tert butyl alcohol	2.989	59	147247	956.398	ug/l	100
12) 1,1-Dichloroethene	2.313	96	96560	164.437	ug/l	93
13) Acrolein	2.239	56	102145	888.339	ug/l	97
14) Allyl chloride	2.660	41	192563	199.501	ug/l	# 92
15) Acrylonitrile	3.075	53	338657	954.366	ug/l	99
16) Acetone	2.386	43	292225	896.717	ug/l	91
17) Carbon Disulfide	2.502	76	262584	174.732	ug/l	99
18) Methyl Acetate	2.709	43	161018	197.710	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	366348	180.399	ug/l	99
20) Methylene Chloride	2.788	84	111832	161.759	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	104539	166.708	ug/l	92
22) Diisopropyl ether	3.770	45	334946	179.323	ug/l	95
23) Vinyl Acetate	3.727	43	1522641	932.134	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	195900	173.912	ug/l	97
25) 2-Butanone	4.568	43	492989	989.700	ug/l	91
26) 2,2-Dichloropropane	4.477	77	168549	188.565	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	122729	168.827	ug/l	91
28) Bromochloromethane	4.904	49	68037	150.990	ug/l	96
29) Tetrahydrofuran	5.013	42	248169	798.583	ug/l	93
30) Chloroform	5.099	83	184876	153.141	ug/l	99
31) Cyclohexane	5.471	56	158520	160.680	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	166812	153.029	ug/l	99
36) 1,1-Dichloropropene	5.690	75	139602	149.219	ug/l	100
37) Ethyl Acetate	4.727	43	180360	187.030	ug/l	97
38) Carbon Tetrachloride	5.678	117	148453	142.193	ug/l	98
39) Methylcyclohexane	7.385	83	182641	155.295	ug/l	93
40) Benzene	6.044	78	411913	152.334	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	81410	154.575	ug/l	94
42) 1,2-Dichloroethane	6.092	62	158615	152.679	ug/l	95
43) Isopropyl Acetate	6.348	43	252556	160.953	ug/l	95
44) Trichloroethene	7.129	130	108454	136.866	ug/l	90
45) 1,2-Dichloropropane	7.434	63	113318	163.535	ug/l	98
46) Dibromomethane	7.586	93	85634	163.329	ug/l #	88
47) Bromodichloromethane	7.824	83	172810	174.113	ug/l	99
48) Methyl methacrylate	7.696	41	158743	204.782	ug/l #	82
49) 1,4-Dioxane	7.665	88	60278	3229.609	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	1013975	1014.895	ug/l	89
52) Toluene	8.720	92	280741	159.121	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	192470	191.092	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	201565	182.498	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	116522	163.091	ug/l	96
56) Ethyl methacrylate	9.122	69	209629	191.252	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	205164	172.462	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	529019	1004.995	ug/l	92
59) 2-Hexanone	9.439	43	795165	1034.825	ug/l	85
60) Dibromochloromethane	9.525	129	123147	158.742	ug/l	97
61) 1,2-Dibromoethane	9.616	107	123504	157.512	ug/l	100
64) Tetrachloroethene	9.275	164	92427	120.755	ug/l	92
65) Chlorobenzene	10.080	112	295368	144.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	109788	145.102	ug/l	99
67) Ethyl Benzene	10.195	91	562172	156.838	ug/l	99
68) m/p-Xylenes	10.305	106	416980	298.837	ug/l	90
69) o-Xylene	10.646	106	205646	151.958	ug/l	89
70) Styrene	10.659	104	355171	160.620	ug/l #	92
71) Bromoform	10.805	173	88463	148.123	ug/l	100
73) Isopropylbenzene	10.964	105	552975	155.154	ug/l	97
74) N-amyl acetate	10.848	43	287009	213.360	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	195526	170.305	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	184655m	175.420	ug/l	
77) Bromobenzene	11.201	156	124016	142.710	ug/l	79
78) n-propylbenzene	11.305	91	673793	169.961	ug/l	97
79) 2-Chlorotoluene	11.366	91	407573	164.364	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	480553	160.021	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	67053	196.302	ug/l #	85
82) 4-Chlorotoluene	11.457	91	479763	169.293	ug/l	94
83) tert-Butylbenzene	11.719	119	449039	153.004	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	487397	162.421	ug/l	94
85) sec-Butylbenzene	11.896	105	583905	162.683	ug/l	97
86) p-Isopropyltoluene	12.012	119	482393	158.066	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	236211	145.573	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	237378	144.365	ug/l	95
89) n-Butylbenzene	12.335	91	460666	177.759	ug/l	96
90) Hexachloroethane	12.542	117	82285	169.909	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	221700	139.521	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53136	200.223	ug/l	68
93) 1,2,4-Trichlorobenzene	13.591	180	142282	139.279	ug/l	97
94) Hexachlorobutadiene	13.725	225	66080	145.532	ug/l	93
95) Naphthalene	13.780	128	532971	158.715	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143035	138.945	ug/l	94

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

