

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040522\
 Data File : VX027981.D
 Acq On : 05 Apr 2022 14:58
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 05 15:32:27 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	71745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	114541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56705	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89601	100.581	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 201.160%#			
35) Dibromofluoromethane	5.391	113	79201	107.817	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 215.640%#			
50) Toluene-d8	8.653	98	296929	114.282	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 228.560%#			
62) 4-Bromofluorobenzene	11.085	95	121576	111.901	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 223.800%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	80732	124.429	ug/l	99
3) Chloromethane	1.288	50	65662	113.419	ug/l	99
4) Vinyl Chloride	1.374	62	73309	122.990	ug/l	98
5) Bromomethane	1.599	94	29791	110.322	ug/l	97
6) Chloroethane	1.672	64	43500	109.834	ug/l	98
7) Trichlorofluoromethane	1.880	101	122002	118.036	ug/l	99
8) Diethyl Ether	2.136	74	40495	110.787	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	74003	111.054	ug/l	96
10) Methyl Iodide	2.453	142	100813	127.315	ug/l	96
11) Tert butyl alcohol	2.983	59	89667	524.789	ug/l	99
12) 1,1-Dichloroethene	2.319	96	72543	116.420	ug/l	91
13) Acrolein	2.233	56	80969	617.063	ug/l	97
14) Allyl chloride	2.660	41	110934	100.716	ug/l	97
15) Acrylonitrile	3.062	53	203879	505.721	ug/l	100
16) Acetone	2.380	43	169185	433.202	ug/l	94
17) Carbon Disulfide	2.508	76	188239	140.903	ug/l	100
18) Methyl Acetate	2.703	43	91324	93.888	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	231528	101.643	ug/l	97
20) Methylene Chloride	2.788	84	77641	106.198	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	76883	114.387	ug/l	94
22) Diisopropyl ether	3.763	45	214913	96.326	ug/l	93
23) Vinyl Acetate	3.721	43	973740	503.570	ug/l	96
24) 1,1-Dichloroethane	3.611	63	130913	103.352	ug/l	99
25) 2-Butanone	4.556	43	289826	492.476	ug/l	99
26) 2,2-Dichloropropane	4.477	77	105742	104.821	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	90478	112.442	ug/l	95
28) Bromochloromethane	4.897	49	52677	97.090	ug/l	92
29) Tetrahydrofuran	5.007	42	186082	491.101	ug/l	94
30) Chloroform	5.099	83	146022	104.044	ug/l	100
31) Cyclohexane	5.470	56	120973	116.480	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	132512	108.412	ug/l	98
36) 1,1-Dichloropropene	5.696	75	105578	113.015	ug/l	97
37) Ethyl Acetate	4.715	43	109576	95.986	ug/l	99
38) Carbon Tetrachloride	5.678	117	119400	115.865	ug/l	100
39) Methylcyclohexane	7.385	83	138371	124.658	ug/l	97
40) Benzene	6.044	78	315776	112.730	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 04/06/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	60518	100.348	ug/l	94
42) 1,2-Dichloroethane	6.092	62	109140	100.728	ug/l	99
43) Isopropyl Acetate	6.342	43	173926	99.364	ug/l	97
44) Trichloroethene	7.129	130	93150	119.921	ug/l	100
45) 1,2-Dichloropropane	7.434	63	78076	106.006	ug/l	100
46) Dibromomethane	7.586	93	60956	108.512	ug/l	98
47) Bromodichloromethane	7.824	83	116137	104.863	ug/l	99
48) Methyl methacrylate	7.696	41	88301	95.893	ug/l	89
49) 1,4-Dioxane	7.665	88	46668	2455.085	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	587533	481.141	ug/l	94
52) Toluene	8.720	92	208574	117.213	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	123630	111.428	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	130827	111.199	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	86616	110.883	ug/l	98
56) Ethyl methacrylate	9.116	69	135972	112.053	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	137544	106.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	318868	530.273	ug/l	97
59) 2-Hexanone	9.433	43	473157	502.352	ug/l	91
60) Dibromochloromethane	9.525	129	98481	121.070	ug/l	97
61) 1,2-Dibromoethane	9.610	107	95293	116.509	ug/l	100
64) Tetrachloroethene	9.275	164	86234	117.360	ug/l	97
65) Chlorobenzene	10.079	112	237033	112.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	88116	112.796	ug/l	99
67) Ethyl Benzene	10.195	91	413956	109.607	ug/l	100
68) m/p-Xylenes	10.305	106	326179	231.946	ug/l	97
69) o-Xylene	10.646	106	159526	116.805	ug/l	97
70) Styrene	10.659	104	274317	117.729	ug/l	98
71) Bromoform	10.805	173	77254	135.660	ug/l #	100
73) Isopropylbenzene	10.963	105	422449	101.969	ug/l	100
74) N-amyl acetate	10.848	43	166047	92.932	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	135453	97.372	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	122413m	95.587	ug/l	
77) Bromobenzene	11.201	156	107423	112.064	ug/l	97
78) n-propylbenzene	11.305	91	491971	99.635	ug/l	98
79) 2-Chlorotoluene	11.366	91	298610	96.635	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	368666	102.542	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	43906	112.076	ug/l	91
82) 4-Chlorotoluene	11.457	91	348266	98.234	ug/l	99
83) tert-Butylbenzene	11.719	119	359359	102.918	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	370831	103.362	ug/l	100
85) sec-Butylbenzene	11.896	105	455233	106.013	ug/l	99
86) p-Isopropyltoluene	12.012	119	395284	110.096	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	209445	110.958	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	207301	106.687	ug/l	98
89) n-Butylbenzene	12.335	91	341774	106.896	ug/l	97
90) Hexachloroethane	12.542	117	65196	112.941	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	198583	106.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32816	98.782	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	132318	114.606	ug/l	98
94) Hexachlorobutadiene	13.725	225	60089	111.621	ug/l	94
95) Naphthalene	13.780	128	445687	112.418	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	131048	116.742	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Apr 05 14:58:15 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

