

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031020.D
 Acq On : 01 Sep 2022 11:23
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 13:21:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 01 13:21:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	205327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	333572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	13615	4.623	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.240%#		
35) Dibromofluoromethane	5.391	113	12667	5.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.300%#		
50) Toluene-d8	8.647	98	45457	4.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.980%#		
62) 4-Bromofluorobenzene	11.079	95	15444	4.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10907	5.021	ug/l	88
3) Chloromethane	1.288	50	9056	4.136	ug/l	100
4) Vinyl Chloride	1.374	62	11305	4.371	ug/l	91
5) Bromomethane	1.611	94	5257	5.454	ug/l	83
6) Chloroethane	1.685	64	5005	3.218	ug/l #	88
7) Trichlorofluoromethane	1.886	101	19064	4.846	ug/l	95
8) Diethyl Ether	2.136	74	6585	4.338	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	12662	5.005	ug/l	93
10) Methyl Iodide	2.453	142	7199	3.769	ug/l	96
11) Tert butyl alcohol	2.947	59	20230m	28.994	ug/l	
12) 1,1-Dichloroethene	2.319	96	11708	4.692	ug/l	97
13) Acrolein	2.239	56	11685	36.596	ug/l	99
14) Allyl chloride	2.666	41	16077	3.971	ug/l	96
15) Acrylonitrile	3.068	53	30450	19.764	ug/l	97
16) Acetone	2.392	43	24758	18.627	ug/l	100
17) Carbon Disulfide	2.508	76	29466	4.474	ug/l	99
18) Methyl Acetate	2.709	43	15309	3.926	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	36008	4.430	ug/l	92
20) Methylene Chloride	2.788	84	14518	4.804	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	12672	4.683	ug/l	97
22) Diisopropyl ether	3.763	45	31813	3.814	ug/l	93
23) Vinyl Acetate	3.727	43	124061	18.538	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	21394	4.379	ug/l	100
25) 2-Butanone	4.568	43	38564	17.923	ug/l #	82
26) 2,2-Dichloropropane	4.477	77	16529	4.490	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	14351	4.603	ug/l	95
28) Bromochloromethane	4.910	49	6597	4.175	ug/l #	68
29) Tetrahydrofuran	5.019	42	25315	18.187	ug/l #	88
30) Chloroform	5.099	83	23054	4.549	ug/l	93
31) Cyclohexane	5.477	56	17835	4.092	ug/l	86
32) 1,1,1-Trichloroethane	5.391	97	20207	4.704	ug/l	94
36) 1,1-Dichloropropene	5.696	75	16895	4.623	ug/l	99
37) Ethyl Acetate	4.714	43	13908	3.620	ug/l #	95
38) Carbon Tetrachloride	5.678	117	17654	5.074	ug/l #	96
39) Methylcyclohexane	7.379	83	21250	4.754	ug/l #	93
40) Benzene	6.044	78	48910	4.643	ug/l #	89

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	8062	3.863	ug/l	93
42) 1,2-Dichloroethane	6.092	62	16021	4.579	ug/l	98
43) Isopropyl Acetate	6.348	43	22570	3.786	ug/l #	94
44) Trichloroethene	7.123	130	16021	5.163	ug/l	95
45) 1,2-Dichloropropane	7.434	63	11922	4.240	ug/l	99
46) Dibromomethane	7.586	93	9561	4.979	ug/l	96
47) Bromodichloromethane	7.824	83	16705	4.526	ug/l #	94
48) Methyl methacrylate	7.696	41	11437	3.832	ug/l	88
49) 1,4-Dioxane	7.696	88	6909	88.092	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	73497	18.677	ug/l	89
52) Toluene	8.720	92	32246	5.010	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	16726	4.491	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	18704	4.390	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	13500	4.836	ug/l	96
56) Ethyl methacrylate	9.116	69	17695	4.328	ug/l	90
57) 1,3-Dichloropropane	9.311	76	20908	4.541	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	39948	19.453	ug/l	93
59) 2-Hexanone	9.433	43	56279	19.233	ug/l	93
60) Dibromochloromethane	9.525	129	13051	4.704	ug/l	98
61) 1,2-Dibromoethane	9.610	107	14082	4.886	ug/l	100
64) Tetrachloroethene	9.275	164	14914	5.206	ug/l	95
65) Chlorobenzene	10.079	112	35899	5.013	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	12378	4.878	ug/l	100
67) Ethyl Benzene	10.195	91	59806	4.708	ug/l	100
68) m/p-Xylenes	10.305	106	47317	9.834	ug/l	100
69) o-Xylene	10.646	106	23221	4.931	ug/l	98
70) Styrene	10.659	104	36742	4.622	ug/l	97
71) Bromoform	10.799	173	9651	4.847	ug/l #	99
73) Isopropylbenzene	10.963	105	60220	5.126	ug/l	99
74) N-amyl acetate	10.841	43	17504	3.854	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	18668	4.639	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	17263m	4.723	ug/l	
77) Bromobenzene	11.201	156	14528	5.104	ug/l	93
78) n-propylbenzene	11.305	91	67139	4.877	ug/l	98
79) 2-Chlorotoluene	11.366	91	42101	4.924	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	50324	5.084	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	5424	4.412	ug/l	94
82) 4-Chlorotoluene	11.457	91	47105	4.928	ug/l	98
83) tert-Butylbenzene	11.719	119	47604	4.899	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	50896	5.023	ug/l	94
85) sec-Butylbenzene	11.890	105	66873	5.303	ug/l	100
86) p-Isopropyltoluene	12.012	119	51335	4.907	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	30074	5.358	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	31388	5.454	ug/l	99
89) n-Butylbenzene	12.335	91	43088	4.400	ug/l	98
90) Hexachloroethane	12.542	117	8338	4.539	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	28757	5.051	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4449	4.432	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	18937	5.203	ug/l	95
94) Hexachlorobutadiene	13.725	225	7959	5.150	ug/l	95
95) Naphthalene	13.780	128	62008	4.764	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19479	5.301	ug/l	98

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

