

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030929.D
 Acq On : 30 Aug 2022 10:16
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

Quant Time: Aug 30 12:04:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 12:03:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	196501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13823	4.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.540%#		
35) Dibromofluoromethane	5.391	113	12164	5.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.060%#		
50) Toluene-d8	8.653	98	43082	4.760	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.520%#		
62) 4-Bromofluorobenzene	11.085	95	14445	4.499	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11561	5.268	ug/l	98
3) Chloromethane	1.288	50	11630	5.260	ug/l	92
4) Vinyl Chloride	1.374	62	14126	5.591	ug/l	99
5) Bromomethane	1.611	94	6072	5.361	ug/l	83
6) Chloroethane	1.685	64	8528	5.590	ug/l	93
7) Trichlorofluoromethane	1.886	101	21451	5.646	ug/l	98
8) Diethyl Ether	2.136	74	7897	5.342	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	13440	5.625	ug/l	97
10) Methyl Iodide	2.453	142	7408	3.994	ug/l	93
11) Tert butyl alcohol	2.995	59	17468	24.495	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	12966	5.617	ug/l	91
13) Acrolein	2.239	56	3006	9.707	ug/l	97
14) Allyl chloride	2.666	41	21339	5.039	ug/l	100
15) Acrylonitrile	3.075	53	39612	25.346	ug/l	97
16) Acetone	2.392	43	33966	25.191	ug/l	99
17) Carbon Disulfide	2.514	76	33435	5.487	ug/l	98
18) Methyl Acetate	2.709	43	21294	5.452	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	42448	5.416	ug/l	95
20) Methylene Chloride	2.788	84	15699	5.320	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	13542	5.292	ug/l	96
22) Diisopropyl ether	3.764	45	45014	5.528	ug/l	92
23) Vinyl Acetate	3.727	43	172873	26.106	ug/l	98
24) 1,1-Dichloroethane	3.611	63	25832	5.355	ug/l	95
25) 2-Butanone	4.568	43	54585	24.758	ug/l	99
26) 2,2-Dichloropropane	4.477	77	18906	5.768	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	16341	5.618	ug/l	97
28) Bromochloromethane	4.904	49	9233	5.762	ug/l	92
29) Tetrahydrofuran	5.019	42	35883	25.352	ug/l	99
30) Chloroform	5.099	83	26877	5.486	ug/l	92
31) Cyclohexane	5.477	56	23256	5.551	ug/l #	88
32) 1,1,1-Trichloroethane	5.385	97	22093	5.334	ug/l	97
36) 1,1-Dichloropropene	5.690	75	20026	5.473	ug/l	95
37) Ethyl Acetate	4.727	43	21630	5.361	ug/l	99
38) Carbon Tetrachloride	5.678	117	18687	5.196	ug/l	95
39) Methylcyclohexane	7.379	83	23338	5.463	ug/l	97
40) Benzene	6.044	78	58507	5.563	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	11671	5.189	ug/l	98
42) 1,2-Dichloroethane	6.098	62	20050	5.467	ug/l	98
43) Isopropyl Acetate	6.348	43	32271	5.234	ug/l	98
44) Trichloroethene	7.129	130	16488	5.622	ug/l	93
45) 1,2-Dichloropropane	7.434	63	15003	5.192	ug/l	99
46) Dibromomethane	7.586	93	10481	5.353	ug/l	97
47) Bromodichloromethane	7.824	83	20265	5.494	ug/l	96
48) Methyl methacrylate	7.696	41	15165	4.885	ug/l	91
49) 1,4-Dioxane	7.684	88	7538	92.984	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	107005	25.978	ug/l	99
52) Toluene	8.720	92	36196	5.646	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	19566	5.259	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	22841	5.497	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	15947	5.880	ug/l	93
56) Ethyl methacrylate	9.122	69	22078	5.343	ug/l	95
57) 1,3-Dichloropropane	9.311	76	25683	5.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	57435	32.694	ug/l	99
59) 2-Hexanone	9.433	43	78036	24.286	ug/l	98
60) Dibromochloromethane	9.525	129	15102	5.430	ug/l	98
61) 1,2-Dibromoethane	9.610	107	15193	5.168	ug/l	98
64) Tetrachloroethene	9.275	164	15566	5.772	ug/l	95
65) Chlorobenzene	10.079	112	38999	5.688	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	13704	5.629	ug/l	98
67) Ethyl Benzene	10.195	91	69384	5.707	ug/l	97
68) m/p-Xylenes	10.305	106	50760	10.942	ug/l	92
69) o-Xylene	10.646	106	25271	5.539	ug/l	96
70) Styrene	10.659	104	42123	5.594	ug/l	97
71) Bromoform	10.805	173	10669	5.608	ug/l #	98
73) Isopropylbenzene	10.963	105	66740	5.895	ug/l	98
74) N-amyl acetate	10.842	43	24815	5.415	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	23568	5.902	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	18577m	4.977	ug/l	
77) Bromobenzene	11.201	156	16547	6.035	ug/l	96
78) n-propylbenzene	11.305	91	75824	5.770	ug/l	98
79) 2-Chlorotoluene	11.366	91	48440	5.908	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	55422	5.718	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	6451	5.663	ug/l	93
82) 4-Chlorotoluene	11.457	91	53193	5.738	ug/l	98
83) tert-Butylbenzene	11.719	119	54255	5.825	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	55163	5.615	ug/l	97
85) sec-Butylbenzene	11.890	105	68957	5.610	ug/l	96
86) p-Isopropyltoluene	12.012	119	58112	5.759	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	30153	5.591	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	30613	5.485	ug/l	96
89) n-Butylbenzene	12.335	91	52213	5.704	ug/l	98
90) Hexachloroethane	12.542	117	10010	5.540	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	31727	5.828	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5345	5.205	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	19287	5.636	ug/l	95
94) Hexachlorobutadiene	13.725	225	8450	6.011	ug/l	97
95) Naphthalene	13.780	128	67196	5.471	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18983	5.576	ug/l	97

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

