

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029830.D
 Acq On : 28 Jun 2022 15:15
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

Quant Time: Jun 29 05:29:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	217414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	390246	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	15059	4.564	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.120%#		
35) Dibromofluoromethane	5.385	113	13162	5.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.460%#		
50) Toluene-d8	8.653	98	46214	4.719	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.440%#		
62) 4-Bromofluorobenzene	11.085	95	15527	4.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9025	3.455	ug/l	90
3) Chloromethane	1.288	50	10390	3.518	ug/l	91
4) Vinyl Chloride	1.374	62	10905	3.540	ug/l	95
5) Bromomethane	1.611	94	6930	7.716	ug/l	88
6) Chloroethane	1.685	64	7709m	4.580	ug/l	
7) Trichlorofluoromethane	1.886	101	14872	4.163	ug/l	93
8) Diethyl Ether	2.130	74	7157	4.245	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	10701	4.234	ug/l	95
10) Methyl Iodide	2.453	142	10058	3.423	ug/l	96
11) Tert butyl alcohol	2.995	59	16709m	17.542	ug/l	
12) 1,1-Dichloroethene	2.319	96	10456	4.031	ug/l	95
13) Acrolein	2.239	56	11805	21.428	ug/l	99
14) Allyl chloride	2.666	41	20280	4.289	ug/l	98
15) Acrylonitrile	3.068	53	42174	21.654	ug/l	99
16) Acetone	2.392	43	33966	21.462	ug/l	98
17) Carbon Disulfide	2.514	76	20807	3.146	ug/l	97
18) Methyl Acetate	2.715	43	20877	4.371	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	38247	4.250	ug/l	99
20) Methylene Chloride	2.794	84	14280	4.386	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	11303	4.069	ug/l	97
22) Diisopropyl ether	3.763	45	42822	4.401	ug/l	98
23) Vinyl Acetate	3.727	43	175444	21.207	ug/l	100
24) 1,1-Dichloroethane	3.611	63	22416	4.264	ug/l	94
25) 2-Butanone	4.568	43	57978	21.577	ug/l	100
26) 2,2-Dichloropropane	4.477	77	14762	4.048	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	13921	4.088	ug/l	97
28) Bromochloromethane	4.904	49	9809	4.642	ug/l	96
29) Tetrahydrofuran	5.019	42	36701	20.549	ug/l	99
30) Chloroform	5.105	83	22140	4.316	ug/l	96
31) Cyclohexane	5.477	56	17221	3.608	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	16720	4.218	ug/l	97
36) 1,1-Dichloropropene	5.702	75	15395	4.259	ug/l	96
37) Ethyl Acetate	4.721	43	21721	4.793	ug/l	97
38) Carbon Tetrachloride	5.684	117	13367	4.516	ug/l	96
39) Methylcyclohexane	7.385	83	18657	4.265	ug/l	93
40) Benzene	6.044	78	51355	4.499	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11665	4.505	ug/l	97
42) 1,2-Dichloroethane	6.092	62	15848	4.302	ug/l	99
43) Isopropyl Acetate	6.348	43	31912	4.599	ug/l	99
44) Trichloroethene	7.129	130	14434	5.088	ug/l	99
45) 1,2-Dichloropropane	7.434	63	14347	4.721	ug/l	94
46) Dibromomethane	7.586	93	8789	4.504	ug/l	98
47) Bromodichloromethane	7.824	83	15636	4.504	ug/l	91
48) Methyl methacrylate	7.696	41	15087	4.383	ug/l	95
49) 1,4-Dioxane	7.690	88	7472	90.192	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	109913	23.942	ug/l	100
52) Toluene	8.720	92	31280	4.587	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	16082	4.295	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	18723	4.299	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	14610	5.048	ug/l	90
56) Ethyl methacrylate	9.122	69	21342	4.563	ug/l	98
57) 1,3-Dichloropropane	9.311	76	22519	4.675	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	53846	24.138	ug/l	98
59) 2-Hexanone	9.433	43	85277	23.975	ug/l	100
60) Dibromochloromethane	9.525	129	11259	4.556	ug/l	93
61) 1,2-Dibromoethane	9.610	107	13856	4.833	ug/l	97
64) Tetrachloroethene	9.275	164	10312	5.241	ug/l	98
65) Chlorobenzene	10.079	112	33769	4.731	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	11496	4.945	ug/l	99
67) Ethyl Benzene	10.195	91	57974	4.530	ug/l	100
68) m/p-Xylenes	10.305	106	45485	9.404	ug/l	99
69) o-Xylene	10.646	106	22565	4.685	ug/l	97
70) Styrene	10.659	104	37338	4.715	ug/l	99
71) Bromoform	10.799	173	7499	4.759	ug/l #	99
73) Isopropylbenzene	10.963	105	57424	4.542	ug/l	99
74) N-amyl acetate	10.848	43	27721	4.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	23554	4.729	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	18911m	4.369	ug/l	
77) Bromobenzene	11.201	156	13460	4.739	ug/l	95
78) n-propylbenzene	11.305	91	66281	4.355	ug/l	99
79) 2-Chlorotoluene	11.366	91	39543	4.294	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	48283	4.555	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	5247	3.719	ug/l	86
82) 4-Chlorotoluene	11.457	91	45359	4.336	ug/l	98
83) tert-Butylbenzene	11.719	119	47184	4.586	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	48132	4.509	ug/l	98
85) sec-Butylbenzene	11.890	105	60595	4.552	ug/l	100
86) p-Isopropyltoluene	12.012	119	47943	4.553	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	27218	5.028	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	27205	4.955	ug/l	96
89) n-Butylbenzene	12.335	91	45790	4.655	ug/l	97
90) Hexachloroethane	12.542	117	7611	4.773	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	27059	5.006	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4527	4.058	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	15370	4.899	ug/l	99
94) Hexachlorobutadiene	13.725	225	5817	5.147	ug/l	96
95) Naphthalene	13.774	128	63990	4.837	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15960	5.017	ug/l	98

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

