

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028146.D
 Acq On : 15 Apr 2022 20:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 04/18/2022
 Supervised By : Semsettin Yesilyurt 04/18/2022

Quant Time: Apr 16 07:59:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	200772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	122452	44.956	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.920%		
35) Dibromofluoromethane	5.391	113	101696	46.803	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.600%		
50) Toluene-d8	8.653	98	417659	51.539	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.080%		
62) 4-Bromofluorobenzene	11.079	95	139693	46.168	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77175	39.589	ug/l	100
3) Chloromethane	1.288	50	97347	45.121	ug/l	99
4) Vinyl Chloride	1.374	62	112217	43.264	ug/l	98
5) Bromomethane	1.605	94	158817	58.142	ug/l	99
6) Chloroethane	1.685	64	107021	50.162	ug/l	99
7) Trichlorofluoromethane	1.886	101	284811	55.990	ug/l	97
8) Diethyl Ether	2.136	74	98179	50.364	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	88283	43.625	ug/l	97
10) Methyl Iodide	2.453	142	104694	44.425	ug/l	95
11) Tert butyl alcohol	2.971	59	121926	192.840	ug/l	100
12) 1,1-Dichloroethene	2.319	96	87424	44.115	ug/l	92
13) Acrolein	2.233	56	55608	163.953	ug/l	100
14) Allyl chloride	2.666	41	138248	39.418	ug/l #	87
15) Acrylonitrile	3.068	53	278639	212.675	ug/l	98
16) Acetone	2.380	43	228408	201.266	ug/l	92
17) Carbon Disulfide	2.514	76	209427	40.214	ug/l	98
18) Methyl Acetate	2.703	43	127073	41.963	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	337859	45.396	ug/l	97
20) Methylene Chloride	2.788	84	103423	45.755	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	102071	42.997	ug/l	96
22) Diisopropyl ether	3.757	45	311610	41.403	ug/l #	72
23) Vinyl Acetate	3.721	43	1435831	214.700	ug/l	95
24) 1,1-Dichloroethane	3.611	63	181255	44.488	ug/l	99
25) 2-Butanone	4.556	43	414000	211.047	ug/l	98
26) 2,2-Dichloropropane	4.477	77	145184	38.383	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	121220	45.300	ug/l	96
28) Bromochloromethane	4.904	49	78789	44.989	ug/l	95
29) Tetrahydrofuran	5.007	42	272084	212.211	ug/l	94
30) Chloroform	5.099	83	202758	44.753	ug/l	97
31) Cyclohexane	5.477	56	161805	43.202	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	182929	44.580	ug/l	99
36) 1,1-Dichloropropene	5.696	75	142563	42.990	ug/l	100
37) Ethyl Acetate	4.715	43	166271	43.040	ug/l	95
38) Carbon Tetrachloride	5.678	117	158556	44.786	ug/l	98
39) Methylcyclohexane	7.385	83	172288	43.950	ug/l	99
40) Benzene	6.044	78	440149	45.644	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	86072	41.879	ug/l	92
42) 1,2-Dichloroethane	6.092	62	167202	45.919	ug/l	97
43) Isopropyl Acetate	6.342	43	264011	41.021	ug/l	93
44) Trichloroethene	7.129	130	113424	44.233	ug/l	94
45) 1,2-Dichloropropane	7.434	63	105568	43.441	ug/l	95
46) Dibromomethane	7.586	93	79729	44.472	ug/l	96
47) Bromodichloromethane	7.824	83	159446	46.017	ug/l	98
48) Methyl methacrylate	7.696	41	122235	41.604	ug/l #	85
49) 1,4-Dioxane	7.677	88	54854	836.314	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	936238	228.156	ug/l	93
52) Toluene	8.720	92	310744	48.301	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	184536	47.151	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	187855	46.278	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	125393	48.080	ug/l	98
56) Ethyl methacrylate	9.116	69	195716	47.742	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	207921	48.091	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	472928	255.595	ug/l	97
59) 2-Hexanone	9.433	43	742564	231.057	ug/l	90
60) Dibromochloromethane	9.525	129	133964	48.052	ug/l	99
61) 1,2-Dibromoethane	9.610	107	137752	48.497	ug/l	98
64) Tetrachloroethene	9.275	164	109372	41.361	ug/l	97
65) Chlorobenzene	10.079	112	335858	46.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	121986	45.400	ug/l	99
67) Ethyl Benzene	10.195	91	583471	45.563	ug/l	97
68) m/p-Xylenes	10.305	106	511880	95.727	ug/l	97
69) o-Xylene	10.646	106	229266	44.107	ug/l	98
70) Styrene	10.659	104	391622	39.307	ug/l	98
71) Bromoform	10.799	173	92516	36.912	ug/l #	100
73) Isopropylbenzene	10.963	105	591281	35.355	ug/l	100
74) N-amyl acetate	10.848	43	244499	33.827	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	193214	33.070	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	171538m	32.730	ug/l	
77) Bromobenzene	11.201	156	144128	35.277	ug/l	93
78) n-propylbenzene	11.305	91	691387	35.571	ug/l	98
79) 2-Chlorotoluene	11.366	91	408758	34.678	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	618775	42.831	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55982	30.084	ug/l	90
82) 4-Chlorotoluene	11.457	91	597956	43.093	ug/l	98
83) tert-Butylbenzene	11.719	119	542651	38.823	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	549142	38.825	ug/l	99
85) sec-Butylbenzene	11.890	105	656741	36.813	ug/l	99
86) p-Isopropyltoluene	12.012	119	632783	41.860	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	287513	36.116	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	377597	45.217	ug/l	100
89) n-Butylbenzene	12.335	91	504922	39.024	ug/l	98
90) Hexachloroethane	12.542	117	85323	33.593	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	308914	38.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42137	32.782	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	158571	35.650	ug/l	100
94) Hexachlorobutadiene	13.725	225	60116	33.494	ug/l	93
95) Naphthalene	13.780	128	587918	37.845	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	161089	36.595	ug/l	97

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

