

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044085.D
 Acq On : 08 Jun 2021 02:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 6/8/2021 6:52:49 PM

Quant Time: Jun 08 05:49:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 05:21:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	209078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	386031	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	393100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	217726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	179213	49.218	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.440%	
35) Dibromofluoromethane	5.298	113	133695	48.532	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.060%	
50) Toluene-d8	7.906	98	521952	49.121	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.240%	
62) 4-Bromofluorobenzene	10.639	95	225712	53.652	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	150478	49.520	ug/l	98
3) Chloromethane	1.523	50	192163	44.433	ug/l	100
4) Vinyl Chloride	1.610	62	181051	46.768	ug/l	99
5) Bromomethane	1.835	94	56063	34.932	ug/l	98
6) Chloroethane	1.913	64	109778	46.372	ug/l	96
7) Trichlorofluoromethane	2.131	101	213358	47.952	ug/l	99
8) Diethyl Ether	2.382	74	91690	47.886	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	124769	46.376	ug/l	100
10) Methyl Iodide	2.726	142	164366	52.409	ug/l	99
11) Tert butyl alcohol	3.221	59	243521	269.760	ug/l	98
12) 1,1-Dichloroethene	2.581	96	129573	50.353	ug/l	99
13) Acrolein	2.491	56	141443	199.291	ug/l	98
14) Allyl chloride	2.925	41	245304	46.655	ug/l	99
15) Acrylonitrile	3.321	53	490550	244.732	ug/l	99
16) Acetone	2.633	43	421140	200.394	ug/l	99
17) Carbon Disulfide	2.793	76	402643	46.979	ug/l	100
18) Methyl Acetate	2.954	43	235464	50.808	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	423343	53.748	ug/l	97
20) Methylene Chloride	3.051	84	163732	52.018	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	142904	49.510	ug/l	97
22) Diisopropyl ether	4.002	45	453466	50.714	ug/l	99
23) Vinyl Acetate	3.964	43	2169736	257.284	ug/l	99
24) 1,1-Dichloroethane	3.877	63	282522	48.281	ug/l	100
25) 2-Butanone	4.713	43	729615	243.330	ug/l	99
26) 2,2-Dichloropropane	4.674	77	172287	41.055	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	161802	50.692	ug/l	97
28) Bromochloromethane	4.980	49	144278	48.408	ug/l	95
29) Tetrahydrofuran	5.057	42	418923	251.687	ug/l	98
30) Chloroform	5.099	83	274067	48.693	ug/l	100
31) Cyclohexane	5.395	56	235554	46.867	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	224702	49.676	ug/l	98
36) 1,1-Dichloropropene	5.533	75	205815	47.324	ug/l	99
37) Ethyl Acetate	4.813	43	262122	47.844	ug/l	98
38) Carbon Tetrachloride	5.533	117	185993	47.332	ug/l	99
39) Methylcyclohexane	6.771	83	214988	47.850	ug/l	97
40) Benzene	5.781	78	631445	48.170	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	141924	49.274	ug/l	98
42) 1,2-Dichloroethane	5.803	62	220801	47.190	ug/l	99
43) Isopropyl Acetate	5.919	43	380854	49.160	ug/l	98
44) Trichloroethene	6.549	130	141588	48.883	ug/l	97
45) 1,2-Dichloropropane	6.797	63	169776	47.456	ug/l	97
46) Dibromomethane	6.925	93	106742	46.915	ug/l	97
47) Bromodichloromethane	7.115	83	217268	48.038	ug/l	100
48) Methyl methacrylate	6.967	41	193057	50.537	ug/l	97
49) 1,4-Dioxane	6.973	88	97934	1042.713	ug/l	99
51) 4-Methyl-2-Pentanone	7.803	43	1527951	265.572	ug/l	99
52) Toluene	7.977	92	385957	50.452	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	240270	49.890	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	253946	47.748	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	163832	50.497	ug/l	99
56) Ethyl methacrylate	8.343	69	278794	48.456	ug/l	97
57) 1,3-Dichloropropane	8.584	76	290196	49.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	414102	247.185	ug/l	99
59) 2-Hexanone	8.694	43	1201519	268.736	ug/l	98
60) Dibromochloromethane	8.819	129	166618	51.541	ug/l	99
61) 1,2-Dibromoethane	8.931	107	168569	50.752	ug/l	99
64) Tetrachloroethene	8.559	164	125773	49.835	ug/l	98
65) Chlorobenzene	9.452	112	404416	48.819	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	145497	49.745	ug/l	99
67) Ethyl Benzene	9.578	91	752713	50.020	ug/l	100
68) m/p-Xylenes	9.700	106	579449	103.902	ug/l	99
69) o-Xylene	10.108	106	281709	52.732	ug/l	100
70) Styrene	10.121	104	500230	54.723	ug/l	100
71) Bromoform	10.298	173	132426	51.890	ug/l #	100
73) Isopropylbenzene	10.491	105	761288	51.959	ug/l	99
74) N-amyl acetate	10.327	43	348252	51.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	321684	48.307	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	274044m	44.994	ug/l	
77) Bromobenzene	10.790	156	181283	51.344	ug/l	100
78) n-propylbenzene	10.912	91	961574	50.866	ug/l	99
79) 2-Chlorotoluene	10.993	91	574045	50.647	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	688348	52.795	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	97559	46.771	ug/l	99
82) 4-Chlorotoluene	11.102	91	682589	51.456	ug/l	99
83) tert-Butylbenzene	11.427	119	636031	52.531	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	697395	49.596	ug/l	100
85) sec-Butylbenzene	11.652	105	829790	52.529	ug/l	100
86) p-Isopropyltoluene	11.800	119	714207	53.208	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	350717	49.842	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	354211	47.669	ug/l	99
89) n-Butylbenzene	12.214	91	669367	49.329	ug/l	99
90) Hexachloroethane	12.481	117	109151	47.426	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	348542	49.901	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	68263	46.769	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	203648	49.778	ug/l	99
94) Hexachlorobutadiene	14.028	225	108077	46.338	ug/l	99
95) Naphthalene	14.092	128	694203	46.940	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	206048	52.283	ug/l	99

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

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