

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032521\
 Data File : VU042792.D
 Acq On : 25 Mar 2021 17:54
 Operator : SY/MD
 Sample : VU0325WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0325WBSD01

Manual Integrations
 APPROVED

apatel
 3/30/2021 10:59:25 AM

Quant Time: Mar 26 02:08:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	130932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	204859	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	196663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	109670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	106569	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	5.298	113	73749	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	7.906	98	266286	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	10.639	95	107027	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	33205	21.58	ug/l	95
3) Chloromethane	1.523	50	33332	20.01	ug/l	100
4) Vinyl Chloride	1.610	62	30957	20.42	ug/l	98
5) Bromomethane	1.848	94	20728	17.97	ug/l	96
6) Chloroethane	1.932	64	19596	15.78	ug/l	98
7) Trichlorofluoromethane	2.141	101	48434	18.32	ug/l	97
8) Diethyl Ether	2.382	74	16158	19.61	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.588	101	24909	19.66	ug/l	95
10) Methyl Iodide	2.729	142	34096	19.96	ug/l	99
11) Tert butyl alcohol	3.182	59	49073	109.97	ug/l	96
12) 1,1-Dichloroethene	2.584	96	23475	19.77	ug/l	98
13) Acrolein	2.488	56	14563	92.41	ug/l	99
14) Allyl chloride	2.928	41	53589	20.66	ug/l	99
15) Acrylonitrile	3.317	53	104818	102.41	ug/l	98
16) Acetone	2.626	43	109806	94.61	ug/l	100
17) Carbon Disulfide	2.800	76	65496	19.49	ug/l	99
18) Methyl Acetate	2.951	43	55045	23.02	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	95676	21.23	ug/l	97
20) Methylene Chloride	3.054	84	28889	19.22	ug/l	93
21) trans-1,2-Dichloroethene	3.362	96	25783	19.35	ug/l	93
22) Diisopropyl ether	4.002	45	107949	20.67	ug/l	92
23) Vinyl Acetate	3.964	43	501388	103.16	ug/l	99
24) 1,1-Dichloroethane	3.877	63	53154	19.52	ug/l	99
25) 2-Butanone	4.706	43	171921	101.21	ug/l	100
26) 2,2-Dichloropropane	4.677	77	47343	19.69	ug/l	96
27) cis-1,2-Dichloroethene	4.674	96	30403	19.93	ug/l	97
28) Bromochloromethane	4.983	49	29570	21.75	ug/l	99
29) Tetrahydrofuran	5.057	42	107353	102.15	ug/l	98
30) Chloroform	5.099	83	55394	19.25	ug/l	97
31) Cyclohexane	5.398	56	50860	19.57	ug/l	97
32) 1,1,1-Trichloroethane	5.327	97	48756	19.09	ug/l	98
36) 1,1-Dichloropropene	5.533	75	39256	19.37	ug/l	98
37) Ethyl Acetate	4.809	43	64003	20.35	ug/l	99
38) Carbon Tetrachloride	5.533	117	42038	18.18	ug/l	96
39) Methylcyclohexane	6.771	83	44107	19.00	ug/l	99
40) Benzene	5.784	78	114468	18.88	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	34231	20.77	ug/l	97
42) 1,2-Dichloroethane	5.803	62	51209	19.70	ug/l	99
43) Isopropyl Acetate	5.919	43	94805	20.02	ug/l	99
44) Trichloroethene	6.549	130	29267	18.78	ug/l	97
45) 1,2-Dichloropropane	6.800	63	31349	19.44	ug/l	95
46) Dibromomethane	6.925	93	22457	19.55	ug/l	99
47) Bromodichloromethane	7.115	83	44372	19.01	ug/l	97
48) Methyl methacrylate	6.967	41	48434	21.19	ug/l	98
49) 1,4-Dioxane	6.970	88	18764	386.61	ug/l #	93
51) 4-Methyl-2-Pentanone	7.796	43	330662	99.79	ug/l	98
52) Toluene	7.976	92	72325	19.52	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	47615	19.29	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	49689	19.23	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	30641	19.22	ug/l	97
56) Ethyl methacrylate	8.340	69	50692	20.81	ug/l	98
57) 1,3-Dichloropropane	8.584	76	52535	19.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	82623	121.36	ug/l	99
59) 2-Hexanone	8.690	43	269291	102.19	ug/l	100
60) Dibromochloromethane	8.816	129	35498	19.15	ug/l	97
61) 1,2-Dibromoethane	8.931	107	34392	18.97	ug/l	100
64) Tetrachloroethene	8.562	164	27647	17.41	ug/l	98
65) Chlorobenzene	9.452	112	77319	19.34	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	30721	19.31	ug/l	98
67) Ethyl Benzene	9.578	91	141722	19.76	ug/l	99
68) m/p-Xylenes	9.700	106	105717	40.00	ug/l	98
69) o-Xylene	10.108	106	51524	20.14	ug/l	97
70) Styrene	10.121	104	87184	20.18	ug/l	99
71) Bromoform	10.298	173	28675	19.00	ug/l #	97
73) Isopropylbenzene	10.491	105	142049	20.46	ug/l	98
74) N-amyl acetate	10.327	43	81827	20.89	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	56703	19.98	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	55176m	19.78	ug/l	
77) Bromobenzene	10.790	156	38153	19.97	ug/l	100
78) n-propylbenzene	10.912	91	168890	20.67	ug/l	100
79) 2-Chlorotoluene	10.992	91	102098	20.71	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	125809	20.89	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	17312	18.39	ug/l	92
82) 4-Chlorotoluene	11.105	91	120389	20.44	ug/l	99
83) tert-Butylbenzene	11.426	119	120093	20.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	125482	20.63	ug/l	100
85) sec-Butylbenzene	11.651	105	143856	21.09	ug/l	99
86) p-Isopropyltoluene	11.799	119	131939	21.14	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	68093	19.84	ug/l	98
88) 1,4-Dichlorobenzene	11.844	146	68605	19.46	ug/l	98
89) n-Butylbenzene	12.217	91	117165	19.90	ug/l	99
90) Hexachloroethane	12.484	117	21537	18.28	ug/l	96
91) 1,2-Dichlorobenzene	12.221	146	69249	19.82	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	15714	20.91	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	45410	20.38	ug/l	99
94) Hexachlorobutadiene	14.028	225	24080	18.48	ug/l	97
95) Naphthalene	14.095	128	143259	20.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	44190	19.60	ug/l	97

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

