

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040221\
 Data File : VU042899.D
 Acq On : 02 Apr 2021 16:37
 Operator : SY/MD
 Sample : VU0402WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0402WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 10:16:48 AM

Quant Time: Apr 03 00:12:56 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	111591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	170282	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	164890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	82730	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	5.301	113	58306	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
50) Toluene-d8	7.906	98	202214	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
62) 4-Bromofluorobenzene	10.639	95	78313	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	24049	18.34	ug/l	96
3) Chloromethane	1.523	50	23551	16.59	ug/l	96
4) Vinyl Chloride	1.610	62	23438	18.14	ug/l	98
5) Bromomethane	1.854	94	17346	17.49	ug/l	94
6) Chloroethane	1.935	64	14528	13.60	ug/l	98
7) Trichlorofluoromethane	2.144	101	40333	17.90	ug/l	99
8) Diethyl Ether	2.382	74	13375	19.05	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.587	101	19441	18.00	ug/l	98
10) Methyl Iodide	2.732	142	24681	16.95	ug/l	98
11) Tert butyl alcohol	3.195	59	36018	94.70	ug/l	98
12) 1,1-Dichloroethene	2.587	96	17675	17.46	ug/l	92
13) Acrolein	2.494	56	6243	44.34	ug/l	92
14) Allyl chloride	2.932	41	40782	18.44	ug/l	99
15) Acrylonitrile	3.321	53	85539	98.06	ug/l	99
16) Acetone	2.633	43	93521	94.54	ug/l	99
17) Carbon Disulfide	2.803	76	47805	16.69	ug/l	100
18) Methyl Acetate	2.954	43	46261	22.70	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	73774	19.21	ug/l	99
20) Methylene Chloride	3.054	84	23243	18.15	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	20468	18.02	ug/l	94
22) Diisopropyl ether	4.002	45	86090	19.34	ug/l	94
23) Vinyl Acetate	3.967	43	390716	94.32	ug/l	100
24) 1,1-Dichloroethane	3.880	63	42526	18.33	ug/l	97
25) 2-Butanone	4.710	43	139998	96.70	ug/l	100
26) 2,2-Dichloropropane	4.674	77	37992	18.54	ug/l	99
27) cis-1,2-Dichloroethene	4.677	96	24978	19.22	ug/l	100
28) Bromochloromethane	4.983	49	24469	21.12	ug/l	99
29) Tetrahydrofuran	5.060	42	84847	94.73	ug/l	99
30) Chloroform	5.099	83	45844	18.69	ug/l	95
31) Cyclohexane	5.398	56	39717	17.93	ug/l #	94
32) 1,1,1-Trichloroethane	5.327	97	39286	18.04	ug/l	98
36) 1,1-Dichloropropene	5.536	75	32388	19.23	ug/l	97
37) Ethyl Acetate	4.809	43	49624	18.98	ug/l	99
38) Carbon Tetrachloride	5.536	117	34358	17.87	ug/l	98
39) Methylcyclohexane	6.771	83	35598	18.45	ug/l	98
40) Benzene	5.784	78	93163	18.49	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	27404	20.01	ug/l	98
42) 1,2-Dichloroethane	5.803	62	42318	19.59	ug/l	99
43) Isopropyl Acetate	5.919	43	76139	19.34	ug/l	100
44) Trichloroethene	6.552	130	24039	18.56	ug/l	92
45) 1,2-Dichloropropane	6.800	63	26320	19.64	ug/l	98
46) Dibromomethane	6.925	93	19099	20.00	ug/l	97
47) Bromodichloromethane	7.115	83	37095	19.12	ug/l	100
48) Methyl methacrylate	6.967	41	38397	20.21	ug/l	98
49) 1,4-Dioxane	6.986	88	15144	374.29	ug/l #	92
51) 4-Methyl-2-Pentanone	7.800	43	270680	98.28	ug/l	100
52) Toluene	7.976	92	57844	18.78	ug/l	98
53) t-1,3-Dichloropropene	8.217	75	38806	18.91	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	40754	18.98	ug/l	100
55) 1,1,2-Trichloroethane	8.407	97	24723	18.66	ug/l	92
56) Ethyl methacrylate	8.340	69	39344	19.43	ug/l	98
57) 1,3-Dichloropropane	8.584	76	43096	18.95	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	43456	86.53	ug/l	100
59) 2-Hexanone	8.693	43	214414	97.89	ug/l	100
60) Dibromochloromethane	8.816	129	28554	18.53	ug/l	100
61) 1,2-Dibromoethane	8.931	107	27915	18.52	ug/l	99
64) Tetrachloroethene	8.562	164	24861	18.67	ug/l	98
65) Chlorobenzene	9.455	112	62249	18.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	25044	18.78	ug/l	99
67) Ethyl Benzene	9.578	91	115737	19.25	ug/l	99
68) m/p-Xylenes	9.700	106	84409	38.09	ug/l	99
69) o-Xylene	10.108	106	40263	18.77	ug/l	97
70) Styrene	10.121	104	67983	18.76	ug/l	99
71) Bromoform	10.298	173	24030	18.99	ug/l #	98
73) Isopropylbenzene	10.491	105	113417	19.61	ug/l	99
74) N-amyl acetate	10.327	43	64561	19.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	45488	19.24	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	41439m	17.83	ug/l	
77) Bromobenzene	10.790	156	31013	19.48	ug/l	96
78) n-propylbenzene	10.912	91	133329	19.58	ug/l	99
79) 2-Chlorotoluene	10.992	91	80900	19.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	99043	19.74	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	13496	17.20	ug/l	92
82) 4-Chlorotoluene	11.105	91	96944	19.76	ug/l	100
83) tert-Butylbenzene	11.426	119	93456	19.12	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	100322	19.80	ug/l	97
85) sec-Butylbenzene	11.651	105	113894	20.04	ug/l	100
86) p-Isopropyltoluene	11.799	119	106299	20.44	ug/l	98
87) 1,3-Dichlorobenzene	11.754	146	55393	19.37	ug/l	98
88) 1,4-Dichlorobenzene	11.844	146	56687	19.30	ug/l	98
89) n-Butylbenzene	12.217	91	95610	19.48	ug/l	100
90) Hexachloroethane	12.481	117	17433	17.75	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	56679	19.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	12112	19.34	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	37955	20.45	ug/l	99
94) Hexachlorobutadiene	14.031	225	21746	20.03	ug/l	95
95) Naphthalene	14.095	128	109412	19.32	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	37876	20.16	ug/l	99

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

