

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043405.D
 Acq On : 28 Apr 2021 23:23
 Operator : SY/MD
 Sample : VU0429WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0429WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 10:52:54 AM

Quant Time: Apr 29 09:45:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	84613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	135858	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	131552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	70560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	77966	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
35) Dibromofluoromethane	5.295	113	53828	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	7.906	98	183813	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	10.639	95	67964	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	17795	20.38	ug/l	98
3) Chloromethane	1.523	50	22421	23.46	ug/l	98
4) Vinyl Chloride	1.607	62	19305	20.28	ug/l	98
5) Bromomethane	1.842	94	12797	24.67	ug/l	97
6) Chloroethane	1.929	64	12403	18.86	ug/l	95
7) Trichlorofluoromethane	2.138	101	31309	19.36	ug/l	97
8) Diethyl Ether	2.382	74	10858	20.96	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	17420	20.93	ug/l	96
10) Methyl Iodide	2.726	142	20891	19.05	ug/l	98
11) Tert butyl alcohol	3.183	59	36875	100.59	ug/l #	77
12) 1,1-Dichloroethene	2.581	96	16558	20.90	ug/l	93
13) Acrolein	2.488	56	23682	109.73	ug/l	98
14) Allyl chloride	2.928	41	39406	20.50	ug/l	98
15) Acrylonitrile	3.318	53	81622	103.51	ug/l	99
16) Acetone	2.629	43	84386	100.63	ug/l	99
17) Carbon Disulfide	2.797	76	44190	18.14	ug/l	98
18) Methyl Acetate	2.951	43	43310	24.36	ug/l	94
19) Methyl tert-butyl Ether	3.369	73	65756	21.01	ug/l	97
20) Methylene Chloride	3.051	84	21873	21.65	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	18252	19.73	ug/l	96
22) Diisopropyl ether	3.999	45	81485	22.16	ug/l	92
23) Vinyl Acetate	3.961	43	364517	102.44	ug/l	100
24) 1,1-Dichloroethane	3.877	63	40602	21.84	ug/l	98
25) 2-Butanone	4.707	43	129090	99.90	ug/l	99
26) 2,2-Dichloropropane	4.671	77	26315	16.14	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	21974	20.87	ug/l	99
28) Bromochloromethane	4.980	49	20359	21.47	ug/l	93
29) Tetrahydrofuran	5.057	42	81878	100.63	ug/l	96
30) Chloroform	5.096	83	41504	21.08	ug/l	96
31) Cyclohexane	5.395	56	34433	19.62	ug/l	95
32) 1,1,1-Trichloroethane	5.327	97	35650	20.48	ug/l	97
36) 1,1-Dichloropropene	5.533	75	27622	19.17	ug/l	97
37) Ethyl Acetate	4.809	43	47215	19.16	ug/l	98
38) Carbon Tetrachloride	5.530	117	30396	19.67	ug/l	99
39) Methylcyclohexane	6.771	83	26798	16.91	ug/l	96
40) Benzene	5.780	78	81937	19.90	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	26489	20.44	ug/l	96
42) 1,2-Dichloroethane	5.800	62	37748	20.66	ug/l	99
43) Isopropyl Acetate	5.915	43	69240	19.70	ug/l	96
44) Trichloroethene	6.549	130	21147	20.25	ug/l	99
45) 1,2-Dichloropropane	6.800	63	24176	21.07	ug/l	96
46) Dibromomethane	6.925	93	16467	20.29	ug/l	96
47) Bromodichloromethane	7.112	83	33324	20.80	ug/l	98
48) Methyl methacrylate	6.967	41	34090	19.32	ug/l	97
49) 1,4-Dioxane	6.967	88	13053	369.21	ug/l #	91
51) 4-Methyl-2-Pentanone	7.796	43	244250	93.93	ug/l	98
52) Toluene	7.977	92	50315	19.71	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	31865	17.91	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	33421	18.50	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	22247	20.31	ug/l	96
56) Ethyl methacrylate	8.340	69	31259	17.42	ug/l	93
57) 1,3-Dichloropropane	8.581	76	37841	20.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	49682	71.98	ug/l	100
59) 2-Hexanone	8.690	43	191268	89.33	ug/l	98
60) Dibromochloromethane	8.816	129	24749	19.54	ug/l	100
61) 1,2-Dibromoethane	8.928	107	24385	19.74	ug/l	96
64) Tetrachloroethene	8.558	164	21163	22.17	ug/l	96
65) Chlorobenzene	9.452	112	53381	18.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	21615	20.04	ug/l	98
67) Ethyl Benzene	9.578	91	94158	18.49	ug/l	98
68) m/p-Xylenes	9.700	106	69378	36.83	ug/l	99
69) o-Xylene	10.108	106	33336	18.13	ug/l	97
70) Styrene	10.121	104	57012	18.42	ug/l	99
71) Bromoform	10.298	173	19328	17.39	ug/l #	99
73) Isopropylbenzene	10.491	105	91419	19.30	ug/l	98
74) N-amyl acetate	10.324	43	52128	17.13	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.790	83	40503	19.64	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	38166m	18.51	ug/l	
77) Bromobenzene	10.790	156	25469	19.31	ug/l	98
78) n-propylbenzene	10.912	91	108852	19.20	ug/l	97
79) 2-Chlorotoluene	10.992	91	66675	19.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	77410	18.52	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	9823	14.00	ug/l	88
82) 4-Chlorotoluene	11.102	91	76955	18.59	ug/l	99
83) tert-Butylbenzene	11.427	119	74567	18.14	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	77481	18.04	ug/l	100
85) sec-Butylbenzene	11.652	105	85883	17.83	ug/l	99
86) p-Isopropyltoluene	11.800	119	77470	17.47	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	43958	18.38	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	45204	18.12	ug/l	99
89) n-Butylbenzene	12.214	91	66774	16.08	ug/l	97
90) Hexachloroethane	12.481	117	12948	15.58	ug/l	92
91) 1,2-Dichlorobenzene	12.217	146	45295	18.53	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	9941	17.03	ug/l	91
93) 1,2,4-Trichlorobenzene	13.848	180	28282	18.48	ug/l	99
94) Hexachlorobutadiene	14.031	225	14119	17.10	ug/l	99
95) Naphthalene	14.095	128	90492	19.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	30177	20.16	ug/l	99

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

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