

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
 Data File : VU044089.D
 Acq On : 08 Jun 2021 04:52
 Operator : SY/MD
 Sample : VU0608WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 9:33:32 AM

Quant Time: Jun 08 23:07:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 17:38:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	212967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	391012	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	390612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	221176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	178544	48.138	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.280%	
35) Dibromofluoromethane	5.298	113	133147	47.717	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.440%	
50) Toluene-d8	7.906	98	520856	48.394	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.780%	
62) 4-Bromofluorobenzene	10.639	95	219359	51.478	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.960%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	61028	19.233	ug/l	99
3) Chloromethane	1.523	50	78780	18.938	ug/l	99
4) Vinyl Chloride	1.610	62	73876	18.735	ug/l	99
5) Bromomethane	1.835	94	24801	15.171	ug/l	97
6) Chloroethane	1.912	64	47440	19.673	ug/l	98
7) Trichlorofluoromethane	2.128	101	86474	19.080	ug/l	98
8) Diethyl Ether	2.382	74	36630	18.781	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	50607	18.467	ug/l	99
10) Methyl Iodide	2.726	142	60840	19.045	ug/l	98
11) Tert butyl alcohol	3.224	59	101139	109.991	ug/l #	88
12) 1,1-Dichloroethene	2.581	96	51775	19.753	ug/l	98
13) Acrolein	2.491	56	53928	74.596	ug/l	100
14) Allyl chloride	2.925	41	95130	17.763	ug/l	98
15) Acrylonitrile	3.321	53	196615	96.299	ug/l	99
16) Acetone	2.636	43	171450	80.092	ug/l	99
17) Carbon Disulfide	2.793	76	161177	18.462	ug/l	99
18) Methyl Acetate	2.954	43	92715	19.641	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	166768	20.787	ug/l	99
20) Methylene Chloride	3.051	84	66989	19.842	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	58549	19.914	ug/l	97
22) Diisopropyl ether	4.002	45	183944	20.196	ug/l	98
23) Vinyl Acetate	3.964	43	840375	97.831	ug/l	99
24) 1,1-Dichloroethane	3.877	63	112687	18.906	ug/l	99
25) 2-Butanone	4.713	43	284844	93.262	ug/l	98
26) 2,2-Dichloropropane	4.671	77	64048	14.984	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	65283	20.079	ug/l	96
28) Bromochloromethane	4.980	49	56099	18.479	ug/l	94
29) Tetrahydrofuran	5.060	42	164242	96.874	ug/l	97
30) Chloroform	5.095	83	112257	19.580	ug/l	99
31) Cyclohexane	5.394	56	97001	18.947	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	91496	19.858	ug/l	97
36) 1,1-Dichloropropene	5.533	75	83026	18.847	ug/l	99
37) Ethyl Acetate	4.813	43	104410	18.815	ug/l	99
38) Carbon Tetrachloride	5.533	117	73751	18.529	ug/l	96
39) Methylcyclohexane	6.767	83	82642	18.159	ug/l	100
40) Benzene	5.780	78	257107	19.364	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	55860	19.147	ug/l	98
42) 1,2-Dichloroethane	5.803	62	90376	19.069	ug/l	99
43) Isopropyl Acetate	5.922	43	149197	19.013	ug/l	99
44) Trichloroethene	6.549	130	56970	19.418	ug/l	98
45) 1,2-Dichloropropane	6.800	63	68258	18.837	ug/l	98
46) Dibromomethane	6.925	93	44685	19.390	ug/l	98
47) Bromodichloromethane	7.111	83	86233	18.823	ug/l	98
48) Methyl methacrylate	6.970	41	72763	18.805	ug/l	96
49) 1,4-Dioxane	6.976	88	39476	414.951	ug/l	99
51) 4-Methyl-2-Pentanone	7.803	43	593851	101.902	ug/l	98
52) Toluene	7.976	92	153000	19.745	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	92075	18.875	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	98821	18.344	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	65168	19.831	ug/l	99
56) Ethyl methacrylate	8.343	69	103140	19.847	ug/l	98
57) 1,3-Dichloropropane	8.584	76	116903	19.706	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	164483	108.666	ug/l	99
59) 2-Hexanone	8.693	43	470966	103.996	ug/l	100
60) Dibromochloromethane	8.819	129	65034	19.861	ug/l	98
61) 1,2-Dibromoethane	8.931	107	67688	20.119	ug/l	99
64) Tetrachloroethene	8.558	164	50972	20.325	ug/l	98
65) Chlorobenzene	9.452	112	161613	19.634	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	57074	19.638	ug/l	100
67) Ethyl Benzene	9.578	91	290204	19.408	ug/l	98
68) m/p-Xylenes	9.700	106	223801	40.386	ug/l	99
69) o-Xylene	10.108	106	108431	20.426	ug/l	99
70) Styrene	10.121	104	190794	21.005	ug/l	99
71) Bromoform	10.298	173	50309	19.839	ug/l #	98
73) Isopropylbenzene	10.491	105	289214	19.431	ug/l	100
74) N-amyl acetate	10.327	43	132673	19.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	131104	19.381	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	126153m	20.389	ug/l	
77) Bromobenzene	10.790	156	72216	20.134	ug/l	99
78) n-propylbenzene	10.912	91	367496	19.137	ug/l	100
79) 2-Chlorotoluene	10.992	91	226862	19.704	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	265449	20.042	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	35617	16.809	ug/l	97
82) 4-Chlorotoluene	11.102	91	268697	19.940	ug/l	99
83) tert-Butylbenzene	11.426	119	244519	19.880	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	266337	19.238	ug/l	99
85) sec-Butylbenzene	11.651	105	318698	19.860	ug/l	100
86) p-Isopropyltoluene	11.799	119	271164	19.887	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	139418	19.504	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	144694	19.169	ug/l	99
89) n-Butylbenzene	12.217	91	247930	17.986	ug/l	99
90) Hexachloroethane	12.481	117	41832	17.892	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	138074	19.460	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.005	75	27026	18.227	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	79931	19.233	ug/l	98
94) Hexachlorobutadiene	14.028	225	42806	18.067	ug/l	99
95) Naphthalene	14.095	128	257416	18.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	80258	20.047	ug/l	100

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

