

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044855.D
 Acq On : 25 Sep 2021 22:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:03:12 AM

Quant Time: Sep 27 01:38:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	142002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	265814	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	253806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	125708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	130601	52.697	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.400%	
35) Dibromofluoromethane	5.292	113	90817	49.803	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.600%	
50) Toluene-d8	7.902	98	349695	50.776	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.560%	
62) 4-Bromofluorobenzene	10.635	95	128753	50.333	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.660%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	88504	52.040	ug/l	97
3) Chloromethane	1.520	50	111833	43.330	ug/l	99
4) Vinyl Chloride	1.607	62	123927	51.447	ug/l	100
5) Bromomethane	1.842	94	66151	57.153	ug/l	99
6) Chloroethane	1.925	64	80624	49.876	ug/l	100
7) Trichlorofluoromethane	2.137	101	155582	52.593	ug/l	100
8) Diethyl Ether	2.378	74	72672	53.664	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	88061	50.974	ug/l	97
10) Methyl Iodide	2.726	142	81664	43.502	ug/l	98
11) Tert butyl alcohol	3.192	59	173566	239.946	ug/l	100
12) 1,1-Dichloroethene	2.581	96	87294	51.057	ug/l	98
13) Acrolein	2.488	56	58089	297.394	ug/l	100
14) Allyl chloride	2.925	41	169009	50.928	ug/l	98
15) Acrylonitrile	3.317	53	393470	260.403	ug/l	99
16) Acetone	2.629	43	344831	246.670	ug/l	99
17) Carbon Disulfide	2.796	76	230919	48.010	ug/l	100
18) Methyl Acetate	2.951	43	237407	50.833	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	354406	55.510	ug/l	100
20) Methylene Chloride	3.051	84	111830	49.418	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	94704	51.733	ug/l	97
22) Diisopropyl ether	3.999	45	352000	53.684	ug/l	96
23) Vinyl Acetate	3.960	43	1472635	273.873	ug/l	99
24) 1,1-Dichloroethane	3.874	63	201613	52.974	ug/l	100
25) 2-Butanone	4.706	43	554215	261.286	ug/l	99
26) 2,2-Dichloropropane	4.671	77	135093	47.332	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	115173	51.730	ug/l	98
28) Bromochloromethane	4.980	49	92134	50.943	ug/l	99
29) Tetrahydrofuran	5.054	42	350189	262.425	ug/l	98
30) Chloroform	5.095	83	198221	51.799	ug/l	99
31) Cyclohexane	5.391	56	171310	48.146	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	162397	52.523	ug/l	99
36) 1,1-Dichloropropene	5.529	75	141382	50.129	ug/l	99
37) Ethyl Acetate	4.806	43	202097	48.836	ug/l	98
38) Carbon Tetrachloride	5.529	117	127012	50.374	ug/l	99
39) Methylcyclohexane	6.767	83	160630	50.357	ug/l	99
40) Benzene	5.777	78	428595	49.844	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	108390	52.473	ug/l	99
42) 1,2-Dichloroethane	5.800	62	171284	50.633	ug/l	100
43) Isopropyl Acetate	5.915	43	295558	51.050	ug/l	100
44) Trichloroethene	6.546	130	98011	47.426	ug/l	97
45) 1,2-Dichloropropane	6.796	63	116914	50.239	ug/l	97
46) Dibromomethane	6.922	93	77821	50.467	ug/l	99
47) Bromodichloromethane	7.108	83	155234	51.035	ug/l	99
48) Methyl methacrylate	6.964	41	140853	51.544	ug/l	97
49) 1,4-Dioxane	6.973	88	69669	997.551	ug/l	95
51) 4-Methyl-2-Pentanone	7.796	43	1044179	253.057	ug/l	99
52) Toluene	7.973	92	261476	50.862	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	165402	52.194	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	178060	51.884	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	111484	50.722	ug/l	99
56) Ethyl methacrylate	8.336	69	189580	48.482	ug/l	100
57) 1,3-Dichloropropane	8.578	76	200286	51.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	406036	414.225	ug/l	99
59) 2-Hexanone	8.687	43	852393	257.358	ug/l	99
60) Dibromochloromethane	8.812	129	107338	50.997	ug/l	99
61) 1,2-Dibromoethane	8.928	107	116394	50.434	ug/l	100
64) Tetrachloroethene	8.555	164	85028	49.425	ug/l	98
65) Chlorobenzene	9.449	112	265891	50.464	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	95816	50.985	ug/l	98
67) Ethyl Benzene	9.574	91	500559	53.226	ug/l	99
68) m/p-Xylenes	9.697	106	382480	106.336	ug/l	98
69) o-Xylene	10.102	106	190102	54.657	ug/l	100
70) Styrene	10.118	104	318238	48.976	ug/l	99
71) Bromoform	10.295	173	77984	50.151	ug/l #	97
73) Isopropylbenzene	10.488	105	485944	54.465	ug/l	100
74) N-amyl acetate	10.324	43	258441	56.831	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	206056	50.693	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	195195m	51.278	ug/l	
77) Bromobenzene	10.787	156	109381	51.314	ug/l	96
78) n-propylbenzene	10.909	91	598385	55.349	ug/l	99
79) 2-Chlorotoluene	10.989	91	357013	54.184	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	425154	56.256	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	59801	50.891	ug/l	99
82) 4-Chlorotoluene	11.098	91	414724	55.287	ug/l	99
83) tert-Butylbenzene	11.423	119	404049	55.420	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	425592	57.121	ug/l	99
85) sec-Butylbenzene	11.645	105	537565	57.020	ug/l	100
86) p-Isopropyltoluene	11.796	119	432888	56.443	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	212266	51.314	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	217468	50.836	ug/l	99
89) n-Butylbenzene	12.211	91	402612	50.939	ug/l	100
90) Hexachloroethane	12.478	117	73527	53.203	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	221232	50.468	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	57598	58.438	ug/l	96
93) 1,2,4-Trichlorobenzene	13.844	180	136106	56.189	ug/l	99
94) Hexachlorobutadiene	14.024	225	52169	48.413	ug/l	98
95) Naphthalene	14.089	128	549934	56.903	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	140287	56.955	ug/l	98

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

