

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044857.D
 Acq On : 25 Sep 2021 23:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:03:13 AM

Quant Time: Sep 27 02:52:16 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	5.379	168	150134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	282366	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	264988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	127814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	134006	51.143	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.280%	
35) Dibromofluoromethane	5.295	113	93265	48.147	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.300%	
50) Toluene-d8	7.903	98	354649	48.476	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.960%	
62) 4-Bromofluorobenzene	10.636	95	130177	47.907	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	85692	47.658	ug/l	99
3) Chloromethane	1.520	50	116952	42.859	ug/l	99
4) Vinyl Chloride	1.607	62	121519	47.715	ug/l	100
5) Bromomethane	1.851	94	65811	53.476	ug/l	99
6) Chloroethane	1.929	64	81888	47.899	ug/l	99
7) Trichlorofluoromethane	2.138	101	154749	49.478	ug/l	99
8) Diethyl Ether	2.379	74	73461	51.308	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.581	101	88480	48.442	ug/l	97
10) Methyl Iodide	2.726	142	84079	42.362	ug/l	97
11) Tert butyl alcohol	3.208	59	180829	236.446	ug/l #	88
12) 1,1-Dichloroethene	2.581	96	88458	48.935	ug/l	97
13) Acrolein	2.491	56	69238	335.305	ug/l	98
14) Allyl chloride	2.929	41	167546	47.752	ug/l	98
15) Acrylonitrile	3.321	53	400727	250.841	ug/l	99
16) Acetone	2.636	43	357274	241.728	ug/l	100
17) Carbon Disulfide	2.797	76	227653	44.767	ug/l	100
18) Methyl Acetate	2.951	43	242405	49.092	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	356432	52.803	ug/l	100
20) Methylene Chloride	3.051	84	112012	46.817	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	95450	49.316	ug/l	95
22) Diisopropyl ether	3.999	45	353420	50.981	ug/l	98
23) Vinyl Acetate	3.961	43	1475537	259.549	ug/l	99
24) 1,1-Dichloroethane	3.877	63	201309	50.029	ug/l	99
25) 2-Butanone	4.710	43	556069	247.960	ug/l	99
26) 2,2-Dichloropropane	4.671	77	130533	43.257	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	115061	48.880	ug/l	98
28) Bromochloromethane	4.980	49	90987	47.584	ug/l	97
29) Tetrahydrofuran	5.057	42	357029	253.059	ug/l	98
30) Chloroform	5.092	83	197880	48.909	ug/l	99
31) Cyclohexane	5.391	56	171586	45.612	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	163009	49.865	ug/l	100
36) 1,1-Dichloropropene	5.530	75	139299	46.496	ug/l	99
37) Ethyl Acetate	4.810	43	208357	47.398	ug/l	100
38) Carbon Tetrachloride	5.530	117	124664	46.544	ug/l	99
39) Methylcyclohexane	6.768	83	160599	47.396	ug/l	98
40) Benzene	5.777	78	428970	46.963	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	107866	49.159	ug/l	98
42) 1,2-Dichloroethane	5.800	62	171878	47.830	ug/l	99
43) Isopropyl Acetate	5.916	43	299174	48.645	ug/l	99
44) Trichloroethene	6.546	130	99214	45.194	ug/l	99
45) 1,2-Dichloropropane	6.793	63	118381	47.888	ug/l	99
46) Dibromomethane	6.922	93	78990	48.222	ug/l	99
47) Bromodichloromethane	7.108	83	153237	47.425	ug/l	99
48) Methyl methacrylate	6.964	41	142416	49.061	ug/l	98
49) 1,4-Dioxane	6.983	88	73491	990.593	ug/l	98
51) 4-Methyl-2-Pentanone	7.797	43	1054054	240.476	ug/l	99
52) Toluene	7.973	92	262940	48.149	ug/l	99
53) t-1,3-Dichloropropene	8.215	75	164574	48.889	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	176754	48.485	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	110411	47.289	ug/l	98
56) Ethyl methacrylate	8.337	69	188614	45.527	ug/l	99
57) 1,3-Dichloropropane	8.578	76	198794	47.816	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	361390	350.842	ug/l	100
59) 2-Hexanone	8.690	43	849129	241.345	ug/l	100
60) Dibromochloromethane	8.813	129	106229	47.512	ug/l	100
61) 1,2-Dibromoethane	8.928	107	116778	47.634	ug/l	99
64) Tetrachloroethene	8.555	164	85162	47.414	ug/l	99
65) Chlorobenzene	9.449	112	266185	48.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	94614	48.221	ug/l	99
67) Ethyl Benzene	9.575	91	501168	51.042	ug/l	98
68) m/p-Xylenes	9.697	106	377743	100.588	ug/l	97
69) o-Xylene	10.102	106	188100	51.800	ug/l	99
70) Styrene	10.118	104	317880	46.900	ug/l	99
71) Bromoform	10.295	173	76243	46.962	ug/l #	100
73) Isopropylbenzene	10.488	105	480429	52.959	ug/l	99
74) N-amyl acetate	10.324	43	251362	54.364	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	203335	49.199	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	195000m	50.382	ug/l	
77) Bromobenzene	10.784	156	110456	50.965	ug/l	98
78) n-propylbenzene	10.909	91	585204	53.238	ug/l	100
79) 2-Chlorotoluene	10.989	91	346580	51.734	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	411807	53.592	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	59634	49.912	ug/l	100
82) 4-Chlorotoluene	11.099	91	404246	53.002	ug/l	99
83) tert-Butylbenzene	11.423	119	392467	52.945	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	416875	55.029	ug/l	99
85) sec-Butylbenzene	11.645	105	526513	54.928	ug/l	100
86) p-Isopropyltoluene	11.796	119	422603	54.194	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	207421	49.317	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	207800	47.776	ug/l	98
89) n-Butylbenzene	12.211	91	384970	47.980	ug/l	99
90) Hexachloroethane	12.478	117	73320	52.179	ug/l	94
91) 1,2-Dichlorobenzene	12.214	146	215509	48.352	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	54154	54.038	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	125354	50.898	ug/l	100
94) Hexachlorobutadiene	14.025	225	50375	45.978	ug/l	99
95) Naphthalene	14.089	128	513622	52.347	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	132364	52.853	ug/l	99

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

