

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045048.D
 Acq On : 30 Sep 2021 15:40
 Operator : SY/MD
 Sample : VU0930WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0930WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:03:34 AM

Quant Time: Oct 01 05:39:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	152984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	278480	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	267365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	128983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	134563	52.840	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.680%
35) Dibromofluoromethane	5.295	113	92565	52.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.380%
50) Toluene-d8	7.903	98	370865	53.430	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.860%
62) 4-Bromofluorobenzene	10.636	95	139101	48.540	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	37208	19.641	ug/l	99
3) Chloromethane	1.523	50	46528	18.961	ug/l	100
4) Vinyl Chloride	1.607	62	50574	20.641	ug/l	98
5) Bromomethane	1.839	94	32726	34.051	ug/l	99
6) Chloroethane	1.925	64	34142	18.139	ug/l	98
7) Trichlorofluoromethane	2.134	101	63754	19.703	ug/l	98
8) Diethyl Ether	2.379	74	30634	20.658	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.581	101	37537	20.399	ug/l	97
10) Methyl Iodide	2.723	142	40712	20.728	ug/l	97
11) Tert butyl alcohol	3.186	59	61485	84.123	ug/l	99
12) 1,1-Dichloroethene	2.581	96	36742	20.257	ug/l	97
13) Acrolein	2.488	56	12903	92.536	ug/l	99
14) Allyl chloride	2.925	41	66833	19.910	ug/l	95
15) Acrylonitrile	3.318	53	146205	99.187	ug/l	99
16) Acetone	2.630	43	136393	90.230	ug/l	100
17) Carbon Disulfide	2.793	76	97970	18.297	ug/l	100
18) Methyl Acetate	2.951	43	87585	19.825	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	142498	20.352	ug/l	99
20) Methylene Chloride	3.051	84	47558	20.888	ug/l	95
21) trans-1,2-Dichloroethene	3.356	96	38566	19.437	ug/l	99
22) Diisopropyl ether	3.996	45	139098	20.297	ug/l	92
23) Vinyl Acetate	3.961	43	564863	101.345	ug/l	99
24) 1,1-Dichloroethane	3.874	63	80694	20.511	ug/l	99
25) 2-Butanone	4.707	43	203126	94.580	ug/l	96
26) 2,2-Dichloropropane	4.668	77	65206	19.604	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	47168	20.128	ug/l	100
28) Bromochloromethane	4.977	49	29102	17.848	ug/l	95
29) Tetrahydrofuran	5.054	42	127088	99.408	ug/l	97
30) Chloroform	5.092	83	80723	20.358	ug/l	98
31) Cyclohexane	5.391	56	75038	19.398	ug/l	94
32) 1,1,1-Trichloroethane	5.321	97	66665	20.376	ug/l	99
36) 1,1-Dichloropropene	5.530	75	57238	19.654	ug/l	99
37) Ethyl Acetate	4.806	43	75048	19.477	ug/l	97
38) Carbon Tetrachloride	5.530	117	49557	19.665	ug/l	97
39) Methylcyclohexane	6.768	83	69478	19.434	ug/l	95
40) Benzene	5.777	78	177401	20.453	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	39833	20.080	ug/l	99
42) 1,2-Dichloroethane	5.797	62	70739	20.750	ug/l	99
43) Isopropyl Acetate	5.916	43	114767	19.798	ug/l	99
44) Trichloroethene	6.546	130	41416	20.252	ug/l	98
45) 1,2-Dichloropropane	6.793	63	46880	20.386	ug/l	99
46) Dibromomethane	6.922	93	30983	20.000	ug/l	98
47) Bromodichloromethane	7.108	83	60082	19.975	ug/l	98
48) Methyl methacrylate	6.964	41	54740	19.400	ug/l	97
49) 1,4-Dioxane	6.964	88	23559	299.734	ug/l	94
51) 4-Methyl-2-Pentanone	7.793	43	393219	93.174	ug/l	100
52) Toluene	7.973	92	109885	20.242	ug/l	100
53) t-1,3-Dichloropropene	8.215	75	67078	19.502	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	72146	20.137	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	45902	20.294	ug/l	99
56) Ethyl methacrylate	8.337	69	73880	18.030	ug/l	99
57) 1,3-Dichloropropane	8.578	76	80731	19.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	105523	90.466	ug/l	98
59) 2-Hexanone	8.687	43	306664	89.232	ug/l	99
60) Dibromochloromethane	8.813	129	41001	18.528	ug/l	100
61) 1,2-Dibromoethane	8.928	107	47644	19.816	ug/l	100
64) Tetrachloroethene	8.555	164	36590	20.968	ug/l	95
65) Chlorobenzene	9.449	112	112399	20.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	38182	19.510	ug/l	99
67) Ethyl Benzene	9.575	91	207605	20.126	ug/l	100
68) m/p-Xylenes	9.697	106	160569	40.068	ug/l	99
69) o-Xylene	10.102	106	78409	19.714	ug/l	98
70) Styrene	10.118	104	127457	19.102	ug/l	98
71) Bromoform	10.295	173	28868	16.161	ug/l #	97
73) Isopropylbenzene	10.488	105	203304	21.166	ug/l	99
74) N-amyl acetate	10.324	43	93676	19.369	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	81521	19.615	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	76518m	20.339	ug/l	
77) Bromobenzene	10.787	156	46453	20.028	ug/l	98
78) n-propylbenzene	10.909	91	245465	20.971	ug/l	99
79) 2-Chlorotoluene	10.989	91	148039	20.177	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	176447	20.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	23442	17.292	ug/l	98
82) 4-Chlorotoluene	11.099	91	170819	20.597	ug/l	99
83) tert-Butylbenzene	11.423	119	166567	20.351	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	173290	20.816	ug/l	99
85) sec-Butylbenzene	11.648	105	218408	20.722	ug/l	99
86) p-Isopropyltoluene	11.796	119	175350	20.682	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	88403	19.903	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	89435	19.683	ug/l	100
89) n-Butylbenzene	12.211	91	152952	19.586	ug/l	99
90) Hexachloroethane	12.478	117	29045	18.971	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	88913	19.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	17615	17.963	ug/l	100
93) 1,2,4-Trichlorobenzene	13.845	180	46528	18.388	ug/l	100
94) Hexachlorobutadiene	14.025	225	19626	18.580	ug/l	97
95) Naphthalene	14.089	128	165572	17.398	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	46235	18.194	ug/l	98

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

