

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047767.D
 Acq On : 31 Mar 2022 10:31
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 31 12:29:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 12:29:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	320518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	466348	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	459596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	262704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	18974	5.195	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.400%#		
35) Dibromofluoromethane	5.295	113	17193	5.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.840%#		
50) Toluene-d8	7.899	98	60569	5.098	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.200%#		
62) 4-Bromofluorobenzene	10.636	95	22558	4.986	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.980%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	15814	5.679	ug/l	97
3) Chloromethane	1.523	50	19266	5.777	ug/l	99
4) Vinyl Chloride	1.607	62	18067	5.856	ug/l	96
5) Bromomethane	1.861	94	12178	5.691	ug/l	97
6) Chloroethane	1.938	64	11965	5.949	ug/l	99
7) Trichlorofluoromethane	2.141	101	26013	5.614	ug/l	100
8) Diethyl Ether	2.379	74	10755	5.672	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	15369	5.390	ug/l	94
10) Methyl Iodide	2.726	142	12134	6.007	ug/l	99
11) Tert butyl alcohol	3.359	59	22506m	23.577	ug/l	
12) 1,1-Dichloroethene	2.584	96	15264	5.601	ug/l	97
13) Acrolein	2.498	56	16861	61.700	ug/l	100
14) Allyl chloride	2.929	41	20688	5.295	ug/l	98
15) Acrylonitrile	3.330	53	55038	24.339	ug/l	98
16) Acetone	2.662	43	61086	24.495	ug/l	95
17) Carbon Disulfide	2.797	76	43706	6.057	ug/l	97
18) Methyl Acetate	2.964	43	22953	5.026	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	47390	5.331	ug/l	96
20) Methylene Chloride	3.051	84	18795	5.596	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	16485	5.738	ug/l	95
22) Diisopropyl ether	3.996	45	42138	5.176	ug/l	91
23) Vinyl Acetate	3.964	43	182241	25.214	ug/l	98
24) 1,1-Dichloroethane	3.874	63	28732	5.447	ug/l	100
25) 2-Butanone	4.729	43	72928	24.411	ug/l	97
26) 2,2-Dichloropropane	4.668	77	24131	5.184	ug/l	97
27) cis-1,2-Dichloroethene	4.674	96	18417	5.361	ug/l	98
28) Bromochloromethane	4.980	49	9616	4.559	ug/l	98
29) Tetrahydrofuran	5.073	42	46928	24.881	ug/l	100
30) Chloroform	5.092	83	30403	5.394	ug/l	95
31) Cyclohexane	5.388	56	29253	6.581	ug/l #	84
32) 1,1,1-Trichloroethane	5.321	97	26260	5.457	ug/l	96
36) 1,1-Dichloropropene	5.530	75	21517	5.380	ug/l	97
37) Ethyl Acetate	4.813	43	28833	4.820	ug/l #	95
38) Carbon Tetrachloride	5.526	117	24047	5.587	ug/l	98
39) Methylcyclohexane	6.764	83	26506	5.632	ug/l	96
40) Benzene	5.777	78	67095	5.545	ug/l	100

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Quant Time: Mar 31 12:29:23 2022
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	12600	5.081	ug/l	97
42) 1,2-Dichloroethane	5.800	62	23300	5.381	ug/l	99
43) Isopropyl Acetate	5.919	43	35307	4.945	ug/l	100
44) Trichloroethene	6.546	130	18946	5.469	ug/l	100
45) 1,2-Dichloropropane	6.793	63	16632	5.379	ug/l	99
46) Dibromomethane	6.919	93	13031	5.498	ug/l	97
47) Bromodichloromethane	7.108	83	24032	5.389	ug/l	97
48) Methyl methacrylate	6.964	41	15999	5.044	ug/l	100
49) 1,4-Dioxane	7.060	88	9498m	100.390	ug/l	
51) 4-Methyl-2-Pentanone	7.796	43	128452	24.551	ug/l	98
52) Toluene	7.970	92	41024	5.426	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	25843	5.260	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	25664	5.108	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	18162	5.318	ug/l	96
56) Ethyl methacrylate	8.337	69	22498	4.694	ug/l	96
57) 1,3-Dichloropropane	8.578	76	29065	5.306	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.469	63	6000	17.342	ug/l	93
59) 2-Hexanone	8.690	43	103605	23.652	ug/l	96
60) Dibromochloromethane	8.813	129	19803	5.091	ug/l	99
61) 1,2-Dibromoethane	8.928	107	20288	5.339	ug/l	100
64) Tetrachloroethene	8.555	164	17240	5.695	ug/l	94
65) Chlorobenzene	9.449	112	48744	5.415	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	17248	5.190	ug/l	99
67) Ethyl Benzene	9.571	91	77264	5.354	ug/l	99
68) m/p-Xylenes	9.694	106	59611	10.391	ug/l	100
69) o-Xylene	10.102	106	27982	5.020	ug/l	96
70) Styrene	10.115	104	46254	5.009	ug/l	98
71) Bromoform	10.292	173	17226	5.057	ug/l #	97
73) Isopropylbenzene	10.484	105	74090	5.120	ug/l	99
74) N-amyl acetate	10.324	43	26870	4.645	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	32388	5.163	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	34937	4.914	ug/l	97
77) Bromobenzene	10.784	156	22172	5.213	ug/l	98
78) n-propylbenzene	10.909	91	87208	5.100	ug/l	99
79) 2-Chlorotoluene	10.986	91	52623	5.028	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	61602	5.039	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	8963	4.426	ug/l	93
82) 4-Chlorotoluene	11.099	91	62032	5.121	ug/l	97
83) tert-Butylbenzene	11.420	119	62364	5.063	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	59774	4.984	ug/l	98
85) sec-Butylbenzene	11.645	105	74850	4.954	ug/l	99
86) p-Isopropyltoluene	11.793	119	64062	4.969	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	43849	5.351	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	44735	5.255	ug/l	94
89) n-Butylbenzene	12.208	91	59927	4.965	ug/l	98
90) Hexachloroethane	12.475	117	13552	5.262	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	42804	5.317	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	7594	5.064	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	27862	4.954	ug/l	99
94) Hexachlorobutadiene	14.021	225	14162	4.965	ug/l	94
95) Naphthalene	14.086	128	73306	4.507	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	27295	4.923	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

