

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043565.D
 Acq On : 05 May 2021 22:04
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:51:30 PM

Quant Time: May 06 06:52:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 06:50:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	91035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	154199	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	143083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	70821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	10118	6.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	12.70%	
35) Dibromofluoromethane	5.298	113	6669	5.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.40%	
50) Toluene-d8	7.906	98	22211	5.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.72%	
62) 4-Bromofluorobenzene	10.639	95	7692	4.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.44%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	5841	5.89	ug/l	91
3) Chloromethane	1.523	50	8858	7.34	ug/l	99
4) Vinyl Chloride	1.607	62	7589	6.94	ug/l	98
5) Bromomethane	1.835	94	4758	7.87	ug/l	95
6) Chloroethane	1.925	64	4631	5.66	ug/l	94
7) Trichlorofluoromethane	2.134	101	10522	5.87	ug/l	97
8) Diethyl Ether	2.378	74	3867	6.59	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	5810	6.24	ug/l	97
10) Methyl Iodide	2.726	142	5823	4.82	ug/l	98
11) Tert butyl alcohol	3.192	59	14651	36.15	ug/l #	92
12) 1,1-Dichloroethene	2.581	96	5940	6.64	ug/l	96
13) Acrolein	2.488	56	8269	37.49	ug/l	99
14) Allyl chloride	2.928	41	13350	6.10	ug/l	98
15) Acrylonitrile	3.321	53	22972	26.51	ug/l	98
16) Acetone	2.629	43	27481	28.01	ug/l	95
17) Carbon Disulfide	2.796	76	17475	6.33	ug/l	97
18) Methyl Acetate	2.954	43	12656	6.31	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	17629	5.10	ug/l	96
20) Methylene Chloride	3.050	84	7330	6.42	ug/l	92
21) trans-1,2-Dichloroethene	3.356	96	6022	5.79	ug/l	98
22) Diisopropyl ether	3.999	45	22785	5.53	ug/l	89
23) Vinyl Acetate	3.964	43	111017	27.60	ug/l	100
24) 1,1-Dichloroethane	3.874	63	13518	6.38	ug/l	96
25) 2-Butanone	4.710	43	39386	27.54	ug/l	97
26) 2,2-Dichloropropane	4.674	77	10286	5.83	ug/l	94
27) cis-1,2-Dichloroethene	4.677	96	6975	5.92	ug/l	94
28) Bromochloromethane	4.980	49	6661	6.19	ug/l #	97
29) Tetrahydrofuran	5.060	42	22000	24.78	ug/l	97
30) Chloroform	5.095	83	13097	5.94	ug/l	100
31) Cyclohexane	5.394	56	12742	6.53	ug/l #	89
32) 1,1,1-Trichloroethane	5.320	97	11101	5.75	ug/l	98
36) 1,1-Dichloropropene	5.533	75	8897	5.34	ug/l	98
37) Ethyl Acetate	4.812	43	15099	5.29	ug/l	98
38) Carbon Tetrachloride	5.533	117	8755	4.98	ug/l	92
39) Methylcyclohexane	6.771	83	8411	4.71	ug/l	98
40) Benzene	5.780	78	27680	5.77	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	7474	4.96	ug/l	98
42) 1,2-Dichloroethane	5.800	62	12909	6.09	ug/l	98
43) Isopropyl Acetate	5.919	43	21356	5.24	ug/l	99
44) Trichloroethene	6.549	130	6391	5.32	ug/l	91
45) 1,2-Dichloropropane	6.800	63	8117	6.05	ug/l	98
46) Dibromomethane	6.925	93	5094	5.41	ug/l	98
47) Bromodichloromethane	7.111	83	10581	5.70	ug/l	93
48) Methyl methacrylate	6.967	41	10379	5.09	ug/l	97
49) 1,4-Dioxane	6.970	88	3157	80.58	ug/l	90
51) 4-Methyl-2-Pentanone	7.796	43	73219	24.53	ug/l	98
52) Toluene	7.976	92	15268	5.19	ug/l	99
53) t-1,3-Dichloropropene	8.217	75	9924	4.88	ug/l	95
54) cis-1,3-Dichloropropene	7.616	75	10635	5.12	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	6895	5.46	ug/l	96
56) Ethyl methacrylate	8.340	69	9391	4.57	ug/l	93
57) 1,3-Dichloropropane	8.581	76	11699	5.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	14075	19.95	ug/l	98
59) 2-Hexanone	8.690	43	56945	23.39	ug/l	97
60) Dibromochloromethane	8.819	129	6969	4.87	ug/l	97
61) 1,2-Dibromoethane	8.928	107	7164	5.08	ug/l	97
64) Tetrachloroethene	8.558	164	5738	5.39	ug/l	96
65) Chlorobenzene	9.452	112	16607	5.34	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	6111	5.16	ug/l	93
67) Ethyl Benzene	9.578	91	27690	4.91	ug/l	95
68) m/p-Xylenes	9.700	106	19734	9.49	ug/l	99
69) o-Xylene	10.108	106	9695	4.78	ug/l	96
70) Styrene	10.121	104	15211	4.45	ug/l	99
71) Bromoform	10.301	173	5456	4.55	ug/l #	99
73) Isopropylbenzene	10.491	105	24970	5.09	ug/l	99
74) N-amyl acetate	10.327	43	15049	4.77	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	13109	6.14	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	12080m	5.64	ug/l	
77) Bromobenzene	10.790	156	6942	5.15	ug/l	97
78) n-propylbenzene	10.912	91	29901	5.07	ug/l	99
79) 2-Chlorotoluene	10.992	91	19615	5.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	20253	4.71	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.552	75	3402	4.87	ug/l	94
82) 4-Chlorotoluene	11.105	91	21859	5.10	ug/l	98
83) tert-Butylbenzene	11.430	119	21013	5.00	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	20456	4.64	ug/l	100
85) sec-Butylbenzene	11.651	105	24453	4.89	ug/l	98
86) p-Isopropyltoluene	11.799	119	20127	4.44	ug/l	97
87) 1,3-Dichlorobenzene	11.754	146	12904	5.29	ug/l	98
88) 1,4-Dichlorobenzene	11.844	146	13521	5.32	ug/l	95
89) n-Butylbenzene	12.217	91	18777	4.42	ug/l	99
90) Hexachloroethane	12.481	117	3539	4.32	ug/l	96
91) 1,2-Dichlorobenzene	12.221	146	13073	5.23	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.008	75	2951	4.98	ug/l	95
93) 1,2,4-Trichlorobenzene	13.847	180	7142	4.25	ug/l	96
94) Hexachlorobutadiene	14.028	225	4246	4.76	ug/l	96
95) Naphthalene	14.095	128	20284	3.93	ug/l	98
96) 1,2,3-Trichlorobenzene	14.339	180	7804	4.71	ug/l	96

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

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