

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043566.D
 Acq On : 05 May 2021 22:27
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:51:35 PM

Quant Time: May 06 06:53:14 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	92446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	156018	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	145809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	75502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	34321	21.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.44%	
35) Dibromofluoromethane	5.298	113	23278	19.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.30%	
50) Toluene-d8	7.906	98	79998	19.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.20%	
62) 4-Bromofluorobenzene	10.639	95	27753	16.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.64%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	24573	24.41	ug/l	97
3) Chloromethane	1.520	50	30827	25.17	ug/l	100
4) Vinyl Chloride	1.607	62	26844	24.16	ug/l	97
5) Bromomethane	1.845	94	16196	26.39	ug/l	100
6) Chloroethane	1.928	64	16255	19.55	ug/l	96
7) Trichlorofluoromethane	2.137	101	37512	20.62	ug/l	99
8) Diethyl Ether	2.382	74	13462	22.60	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	21024	22.22	ug/l	97
10) Methyl Iodide	2.726	142	23851	19.42	ug/l	99
11) Tert butyl alcohol	3.189	59	41791	101.53	ug/l	98
12) 1,1-Dichloroethene	2.584	96	20024	22.03	ug/l	96
13) Acrolein	2.491	56	18794	83.92	ug/l	99
14) Allyl chloride	2.928	41	49487	22.25	ug/l	99
15) Acrylonitrile	3.317	53	84720	96.28	ug/l	100
16) Acetone	2.629	43	95151	95.51	ug/l	99
17) Carbon Disulfide	2.797	76	62843	22.42	ug/l	100
18) Methyl Acetate	2.954	43	44555	21.88	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	68426	19.50	ug/l	99
20) Methylene Chloride	3.051	84	25981	22.42	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	21795	20.65	ug/l	89
22) Diisopropyl ether	4.002	45	86519	20.69	ug/l	97
23) Vinyl Acetate	3.964	43	436015	106.74	ug/l	100
24) 1,1-Dichloroethane	3.877	63	49558	23.03	ug/l	99
25) 2-Butanone	4.710	43	144895	99.77	ug/l	100
26) 2,2-Dichloropropane	4.674	77	33370	18.61	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	25912	21.67	ug/l	99
28) Bromochloromethane	4.980	49	24993	22.86	ug/l	98
29) Tetrahydrofuran	5.057	42	84698	93.93	ug/l	99
30) Chloroform	5.096	83	47858	21.39	ug/l	99
31) Cyclohexane	5.395	56	39630	20.01	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	41472	21.15	ug/l	99
36) 1,1-Dichloropropene	5.536	75	33294	19.74	ug/l	98
37) Ethyl Acetate	4.809	43	54581	18.89	ug/l	99
38) Carbon Tetrachloride	5.533	117	33338	18.73	ug/l	99
39) Methylcyclohexane	6.771	83	30573	16.93	ug/l	97
40) Benzene	5.784	78	99388	20.47	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	28738	18.86	ug/l	98
42) 1,2-Dichloroethane	5.803	62	43918	20.47	ug/l	98
43) Isopropyl Acetate	5.919	43	80768	19.60	ug/l	99
44) Trichloroethene	6.549	130	23377	19.22	ug/l	100
45) 1,2-Dichloropropane	6.800	63	28513	20.99	ug/l	100
46) Dibromomethane	6.925	93	18722	19.67	ug/l	98
47) Bromodichloromethane	7.112	83	37853	20.16	ug/l	97
48) Methyl methacrylate	6.967	41	39391	19.09	ug/l	99
49) 1,4-Dioxane	6.973	88	13386	337.68	ug/l	98
51) 4-Methyl-2-Pentanone	7.796	43	277887	92.02	ug/l	99
52) Toluene	7.976	92	58345	19.61	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	38623	18.78	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	40057	19.07	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	24747	19.37	ug/l	99
56) Ethyl methacrylate	8.340	69	37400	17.99	ug/l	99
57) 1,3-Dichloropropane	8.581	76	43865	19.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	53309	74.67	ug/l	99
59) 2-Hexanone	8.690	43	217988	88.48	ug/l	99
60) Dibromochloromethane	8.816	129	26283	18.15	ug/l	100
61) 1,2-Dibromoethane	8.931	107	27117	19.00	ug/l	100
64) Tetrachloroethene	8.562	164	22270	20.54	ug/l	93
65) Chlorobenzene	9.455	112	59668	18.83	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	23003	19.04	ug/l	97
67) Ethyl Benzene	9.578	91	107911	18.78	ug/l	99
68) m/p-Xylenes	9.700	106	80093	37.78	ug/l	98
69) o-Xylene	10.108	106	38679	18.73	ug/l	98
70) Styrene	10.121	104	65453	18.78	ug/l	99
71) Bromoform	10.298	173	20834	17.04	ug/l #	99
73) Isopropylbenzene	10.491	105	102836	19.68	ug/l	98
74) N-amyl acetate	10.327	43	61307	18.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	44678	19.62	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	43021m	18.84	ug/l	
77) Bromobenzene	10.790	156	26547	18.48	ug/l	98
78) n-propylbenzene	10.912	91	126393	20.09	ug/l	100
79) 2-Chlorotoluene	10.992	91	76929	20.13	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	90029	19.64	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	12065	16.19	ug/l	98
82) 4-Chlorotoluene	11.102	91	91123	19.94	ug/l	99
83) tert-Butylbenzene	11.426	119	84030	18.76	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	89371	19.02	ug/l	100
85) sec-Butylbenzene	11.652	105	105161	19.72	ug/l	99
86) p-Isopropyltoluene	11.799	119	89554	18.54	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	48830	18.77	ug/l	98
88) 1,4-Dichlorobenzene	11.841	146	49838	18.39	ug/l	98
89) n-Butylbenzene	12.214	91	80529	17.80	ug/l	99
90) Hexachloroethane	12.481	117	13619	15.61	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	49867	18.70	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11374	17.99	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	30919	17.25	ug/l	98
94) Hexachlorobutadiene	14.028	225	15406	16.22	ug/l	97
95) Naphthalene	14.092	128	96808	17.58	ug/l	98
96) 1,2,3-Trichlorobenzene	14.336	180	32245	18.24	ug/l	99

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

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