

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021921\
 Data File : VU042353.D
 Acq On : 19 Feb 2021 10:28
 Operator : SY/MD
 Sample : VSTD00106
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Manual Integrations
 APPROVED

SAM
 2/19/2021 3:52:23 PM

Quant Time: Feb 19 13:02:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR021921WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 19 13:01:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	110502	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	105445	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	57448	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	5594	0.81	ug/L	0.00
7) Chloroethane-d5	1.919	69	5022	0.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	15663	0.99	ug/L	0.00
20) 2-Butanone-d5	4.652	46	26709m	10.04	ug/L	0.00
24) Chloroform-d	5.076	84	14786	0.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	9092	1.00	ug/L	0.00
32) Benzene-d6	5.736	84	25866	0.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	8205	0.92	ug/L	0.00
41) Toluene-d8	7.906	98	24281	0.93	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	3147	0.72	ug/L	0.00
46) 2-Hexanone-d5	8.649	63	17901	9.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.764	84	6948	0.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.202	152	9946	0.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	10285	0.97	ug/L	97
3) Chloromethane	1.524	50	9564	1.01	ug/L	98
5) Vinyl chloride	1.607	62	10055	1.10	ug/L	99
6) Bromomethane	1.864	94	5727	1.05	ug/L	95
8) Chloroethane	1.942	64	5752	1.08	ug/L	98
9) Trichlorofluoromethane	2.144	101	15750	1.22	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	8372	1.05	ug/L	98
12) 1,1-Dichloroethene	2.588	96	7763	1.02	ug/L	91
13) Acetone	2.659	43	13772	8.11	ug/L	100
14) Carbon disulfide	2.803	76	25339	1.00	ug/L	99
15) Methyl Acetate	2.964	43	3707	0.92	ug/L #	91
16) Methylene chloride	3.057	84	8789	0.99	ug/L	98
17) Methyl tert-butyl Ether	3.376	73	20691	0.94	ug/L	96
18) trans-1,2-Dichloroethene	3.363	96	7657	0.95	ug/L	95
19) 1,1-Dichloroethane	3.880	63	15291	1.01	ug/L	97
21) 2-Butanone	4.736	43	32948m	10.95	ug/L	
22) cis-1,2-Dichloroethene	4.681	96	8469	0.98	ug/L	96
23) Bromochloromethane	4.986	128	4333	1.08	ug/L	89
25) Chloroform	5.096	83	15898	1.02	ug/L	100
27) 1,2-Dichloroethane	5.803	62	11846	1.06	ug/L #	95
29) 1,1,1-Trichloroethane	5.327	97	14035	1.00	ug/L	93
30) Cyclohexane	5.398	56	14786	0.98	ug/L	99
31) Carbon tetrachloride	5.533	117	11868	0.96	ug/L	100
33) Benzene	5.784	78	32190	1.02	ug/L	100
34) Trichloroethene	6.549	95	8677	1.02	ug/L	92
35) Methylcyclohexane	6.774	83	13851	0.98	ug/L	97
37) 1,2-Dichloropropane	6.800	63	8559	1.03	ug/L #	96
38) Bromodichloromethane	7.112	83	11594	1.01	ug/L	96
39) cis-1,3-Dichloropropene	7.617	75	12765	0.95	ug/L	97
40) 4-Methyl-2-pentanone	7.806	43	77145	10.67	ug/L	96
42) Toluene	7.980	91	34282	1.00	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	11619	0.94	ug/L	95

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45) 1,1,2-Trichloroethane	8.411	97	6108	0.99	ug/L	90
47) Tetrachloroethene	8.562	164	7354	1.04	ug/L	93
48) 2-Hexanone	8.700	43	55998	11.04	ug/L	93
49) Dibromochloromethane	8.819	129	7779	0.96	ug/L	98
50) 1,2-Dibromoethane	8.932	107	6898	1.08	ug/L	97
51) Chlorobenzene	9.456	112	21837	1.00	ug/L	97
52) Ethylbenzene	9.578	91	38498	0.98	ug/L	95
53) m,p-Xylene	9.700	106	15112	1.03	ug/L	90
54) o-Xylene	10.108	106	14142	1.00	ug/L	99
55) Styrene	10.121	104	22745	0.93	ug/L	98
56) Isopropylbenzene	10.494	105	38014	0.97	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.793	83	8541	1.07	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	6679	1.11	ug/L	99
61) Bromoform	10.298	173	4544	0.87	ug/L	95
62) 1,3-Dichlorobenzene	11.755	146	18159	1.00	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	18507	1.01	ug/L	95
65) 1,2-Dichlorobenzene	12.221	146	17182	1.00	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	1390	0.91	ug/L	95
67) 1,3,5-Trichlorobenzene	13.227	180	13830	0.94	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	10524	0.90	ug/L	99
69) Naphthalene	14.099	128	13970	0.81	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	9312	0.90	ug/L	97

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

