

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043113.D
 Acq On : 15 Apr 2021 10:54
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010134

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:18:45 AM

Quant Time: Apr 16 04:06:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 04:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	104547	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	103834	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56894	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	53904	8.13	ug/L	0.00
7) Chloroethane-d5	1.915	69	53666	10.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	31271	8.80	ug/L	0.00
20) 2-Butanone-d5	4.639	46	251885	107.47	ug/L	0.00
24) Chloroform-d	5.073	84	140381	10.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	88298	10.35	ug/L	0.00
32) Benzene-d6	5.735	84	250143	9.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	82867	10.17	ug/L	0.00
41) Toluene-d8	7.906	98	249737	10.10	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	38513	10.20	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	191399	104.42	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74285	10.28	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	99352	9.77	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	69747	7.57	ug/L	99
3) Chloromethane	1.523	50	63428	7.24	ug/L	100
5) Vinyl chloride	1.607	62	69585	7.95	ug/L	99
6) Bromomethane	1.861	94	41986	8.56	ug/L	99
8) Chloroethane	1.938	64	47291	8.75	ug/L	98
9) Trichlorofluoromethane	2.141	101	133062	9.05	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	68795	8.85	ug/L	93
12) 1,1-Dichloroethene	2.584	96	59985	8.40	ug/L	81
13) Acetone	2.649	43	172928m	93.72	ug/L	
14) Carbon disulfide	2.800	76	150052	6.87	ug/L	99
15) Methyl Acetate	2.960	43	31983	7.46	ug/L #	88
16) Methylene chloride	3.050	84	69567	8.04	ug/L	83
17) Methyl tert-butyl Ether	3.372	73	193623	9.48	ug/L #	92
18) trans-1,2-Dichloroethene	3.359	96	63281	8.43	ug/L	90
19) 1,1-Dichloroethane	3.880	63	136296	9.26	ug/L	96
21) 2-Butanone	4.719	43	292308	95.15	ug/L	75
22) cis-1,2-Dichloroethene	4.674	96	74282	9.12	ug/L	86
23) Bromochloromethane	4.986	128	34031	8.77	ug/L #	79
25) Chloroform	5.099	83	144612	9.29	ug/L	99
27) 1,2-Dichloroethane	5.803	62	109632	9.48	ug/L #	95
29) 1,1,1-Trichloroethane	5.324	97	128503	9.03	ug/L	94
30) Cyclohexane	5.398	56	112751	8.13	ug/L	87
31) Carbon tetrachloride	5.533	117	110097	8.88	ug/L	99
33) Benzene	5.784	78	285520	8.98	ug/L	100
34) Trichloroethene	6.549	95	77418	8.83	ug/L	96
35) Methylcyclohexane	6.771	83	109527	8.30	ug/L	91
37) 1,2-Dichloropropane	6.800	63	79495	9.24	ug/L #	97
38) Bromodichloromethane	7.115	83	107213	9.51	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	119155	9.48	ug/L	98
40) 4-Methyl-2-pentanone	7.799	43	727179	95.62	ug/L #	84
42) Toluene	7.976	91	320465	9.23	ug/L	98
44) trans-1,3-Dichloropropene	8.217	75	114577	9.87	ug/L	99

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45) 1,1,2-Trichloroethane	8.407	97	58996	9.22	ug/L	96
47) Tetrachloroethene	8.562	164	60318	8.45	ug/L	98
48) 2-Hexanone	8.693	43	551228	98.45	ug/L #	82
49) Dibromochloromethane	8.819	129	78856	9.86	ug/L	95
50) 1,2-Dibromoethane	8.931	107	59605	9.53	ug/L #	98
51) Chlorobenzene	9.452	112	204378	9.21	ug/L	95
52) Ethylbenzene	9.578	91	372497	9.50	ug/L	96
53) m,p-Xylene	9.700	106	137412	9.52	ug/L	88
54) o-Xylene	10.108	106	136700	9.73	ug/L	92
55) Styrene	10.121	104	238397	9.98	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	78937	9.23	ug/L	99
59) Bromoform	10.298	173	48382	9.55	ug/L	96
60) Isopropylbenzene	10.491	105	379409	9.70	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	58297	8.92	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	323761	9.66	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	329318	9.52	ug/L	97
64) 1,3-Dichlorobenzene	11.754	146	180150	9.36	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	179292	9.33	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	171078	9.22	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	14994	9.59	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	144600	8.73	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	126276	9.25	ug/L	99
71) Naphthalene	14.095	128	222289	9.99	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	115130	9.29	ug/L	100

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

