

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
 Data File : VU042459.D
 Acq On : 01 Mar 2021 11:38
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5313

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 3:48:17 PM

Quant Time: Mar 02 14:26:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 02 14:22:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	99358	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	93369	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	49701	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	2383	0.57	ug/L	0.00
7) Chloroethane-d5	1.919	69	2561	0.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	1559	0.58	ug/L	0.00
20) 2-Butanone-d5	4.655	46	14023m	5.88	ug/L	0.00
24) Chloroform-d	5.076	84	7119	0.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	4970	0.60	ug/L	0.00
32) Benzene-d6	5.735	84	13562	0.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.703	67	4467	0.57	ug/L	0.00
41) Toluene-d8	7.909	98	13319	0.61	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	1678	0.53	ug/L	0.00
46) 2-Hexanone-d5	8.648	63	8949	5.16	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	3838	0.54	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.205	152	5600	0.65	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	5350	0.57	ug/L	96
3) Chloromethane	1.523	50	5058	0.58	ug/L	96
5) Vinyl chloride	1.607	62	4772	0.55	ug/L	93
6) Bromomethane	1.864	94	3113	0.61	ug/L	93
8) Chloroethane	1.941	64	2974	0.57	ug/L	98
9) Trichlorofluoromethane	2.144	101	7823	0.56	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	4008	0.55	ug/L	98
12) 1,1-Dichloroethene	2.588	96	4053	0.59	ug/L	98
13) Acetone	2.661	43	9971m	6.36	ug/L	
14) Carbon disulfide	2.800	76	13173	0.58	ug/L	95
15) Methyl Acetate	2.967	43	2197m	0.55	ug/L	
16) Methylene chloride	3.054	84	5387	0.70	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	10561	0.53	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	3819	0.52	ug/L	97
19) 1,1-Dichloroethane	3.883	63	7767	0.55	ug/L	95
21) 2-Butanone	4.735	43	16864m	5.93	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	4472	0.57	ug/L	87
23) Bromochloromethane	4.983	128	1846	0.49	ug/L	80
25) Chloroform	5.099	83	8513	0.58	ug/L	91
27) 1,2-Dichloroethane	5.803	62	5906	0.53	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	7078	0.54	ug/L	94
30) Cyclohexane	5.398	56	7905	0.61	ug/L	92
31) Carbon tetrachloride	5.536	117	5551	0.50	ug/L	91
33) Benzene	5.784	78	16340	0.56	ug/L	100
34) Trichloroethene	6.546	95	4419	0.56	ug/L	96
35) Methylcyclohexane	6.774	83	6951	0.58	ug/L	97
37) 1,2-Dichloropropane	6.800	63	4461	0.56	ug/L #	89
38) Bromodichloromethane	7.115	83	5426	0.52	ug/L	92
39) cis-1,3-Dichloropropene	7.619	75	6190	0.53	ug/L	96
40) 4-Methyl-2-pentanone	7.806	43	38014	5.54	ug/L	99
42) Toluene	7.980	91	17097	0.54	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	5160	0.49	ug/L	91

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

45) 1,1,2-Trichloroethane	8.414	97	2937	0.51	ug/L	97
47) Tetrachloroethene	8.562	164	3619	0.56	ug/L	90
48) 2-Hexanone	8.700	43	26263	5.22	ug/L	99
49) Dibromochloromethane	8.816	129	3833	0.52	ug/L	99
50) 1,2-Dibromoethane	8.938	107	3287	0.56	ug/L #	79
51) Chlorobenzene	9.455	112	11491	0.57	ug/L	94
52) Ethylbenzene	9.578	91	18981	0.53	ug/L	95
53) m,p-Xylene	9.703	106	7078	0.53	ug/L	100
54) o-Xylene	10.111	106	6980	0.55	ug/L	99
55) Styrene	10.124	104	11134	0.51	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	4034	0.52	ug/L	95
59) Bromoform	10.298	173	2393	0.54	ug/L #	95
60) Isopropylbenzene	10.494	105	18750	0.55	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	3054	0.55	ug/L	93
62) 1,3,5-Trimethylbenzene	11.095	105	15387	0.54	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	15476	0.54	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	9327	0.57	ug/L	96
65) 1,4-Dichlorobenzene	11.844	146	9508	0.59	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	8830	0.57	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	823	0.59	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.227	180	7479	0.56	ug/L	97
70) 1,2,4-trichlorobenzene	13.851	180	5612	0.53	ug/L	99
71) Naphthalene	14.098	128	7995	0.48	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	5409	0.57	ug/L	97

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

