

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
 Data File : VU042457.D
 Acq On : 01 Mar 2021 10:46
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020351

Quant Time: Mar 02 14:25:57 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	6.256	114	111207	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.427	117	108967	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	63716	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.601	65	98661	20.92 ug/L	0.00
7) Chloroethane-d5	1.919	69	104183	21.06 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	64771	21.54 ug/L	0.00
20) 2-Butanone-d5	4.645	46	589791	220.85 ug/L	0.00
24) Chloroform-d	5.073	84	316029	21.35 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	189873	20.40 ug/L	0.00
32) Benzene-d6	5.739	84	540876	20.91 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	185396	20.44 ug/L	0.00
41) Toluene-d8	7.906	98	519680	20.55 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	80585	21.83 ug/L	0.00
46) 2-Hexanone-d5	8.645	63	441854	218.46 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	176726	21.43 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	230770	20.84 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.388	85	227392	21.51 ug/L	100
3) Chloromethane	1.523	50	201399	20.68 ug/L	99
5) Vinyl chloride	1.607	62	205201	21.19 ug/L	98
6) Bromomethane	1.864	94	122851	21.36 ug/L	97
8) Chloroethane	1.938	64	123421	21.16 ug/L	98
9) Trichlorofluoromethane	2.141	101	334428	21.42 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	178657	22.02 ug/L	99
12) 1,1-Dichloroethene	2.584	96	164854	21.56 ug/L	94
13) Acetone	2.652	43	404231	230.20 ug/L	82
14) Carbon disulfide	2.800	76	548471	21.61 ug/L	100
15) Methyl Acetate	2.961	43	88468	19.68 ug/L	93
16) Methylene chloride	3.054	84	175266	20.24 ug/L	98
17) Methyl tert-butyl Ether	3.372	73	483158	21.75 ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	174080	21.37 ug/L	98
19) 1,1-Dichloroethane	3.880	63	345212	21.83 ug/L	99
21) 2-Butanone	4.723	43	704007	221.13 ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	189756	21.74 ug/L	98
23) Bromochloromethane	4.986	128	90998	21.69 ug/L	96
25) Chloroform	5.099	83	355598	21.51 ug/L	98
27) 1,2-Dichloroethane	5.803	62	264560	21.38 ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	327403	21.32 ug/L	99
30) Cyclohexane	5.398	56	326966	21.60 ug/L	100
31) Carbon tetrachloride	5.533	117	287746	22.10 ug/L	99
33) Benzene	5.784	78	726027	21.29 ug/L	100
34) Trichloroethene	6.552	95	199696	21.81 ug/L	97
35) Methylcyclohexane	6.771	83	312785	22.19 ug/L	99
37) 1,2-Dichloropropane	6.800	63	193951	20.96 ug/L	99
38) Bromodichloromethane	7.115	83	263587	21.70 ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	306856	22.36 ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	1737986	216.98 ug/L	100
42) Toluene	7.976	91	806295	21.75 ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	279919	22.68 ug/L	97

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45) 1,1,2-Trichloroethane	8.407	97	141918	21.19	ug/L	97
47) Tetrachloroethene	8.562	164	162834	21.68	ug/L	96
48) 2-Hexanone	8.697	43	1296118	220.95	ug/L	98
49) Dibromochloromethane	8.819	129	191080	22.07	ug/L	97
50) 1,2-Dibromoethane	8.931	107	147955	21.54	ug/L	99
51) Chlorobenzene	9.456	112	504576	21.55	ug/L	99
52) Ethylbenzene	9.578	91	917010	21.99	ug/L	98
53) m,p-Xylene	9.700	106	341350	21.86	ug/L	98
54) o-Xylene	10.108	106	333994	22.36	ug/L	99
55) Styrene	10.121	104	586499	23.13	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.793	83	199242	22.04	ug/L	96
59) Bromoform	10.301	173	127401	22.26	ug/L	99
60) Isopropylbenzene	10.491	105	928526	21.42	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	147347	20.56	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	806397	22.02	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	814539	22.37	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	444331	21.21	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	448553	21.61	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	431542	21.76	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	39430	22.16	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	371263	21.88	ug/L	98
70) 1,2,4-trichlorobenzene	13.851	180	319186	23.71	ug/L	98
71) Naphthalene	14.095	128	571464	26.60	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	285653	23.52	ug/L	99

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

