

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047153.D
 Acq On : 16 Feb 2022 10:35
 Operator : SY/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5059

Quant Time: Feb 16 13:41:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:39:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	181406	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186889	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	107182	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	7306	0.511	ug/L	0.00
7) Chloroethane-d5	1.922	69	5908	0.525	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	2945	0.489	ug/L	0.00
20) 2-Butanone-d5	4.658	46	16342	3.943	ug/L	0.01
24) Chloroform-d	5.070	84	11388	0.435	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	6771	0.452	ug/L	0.00
32) Benzene-d6	5.732	84	24048	0.462	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	7842	0.501	ug/L	0.00
41) Toluene-d8	7.902	98	23782	0.503	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	3514	0.485	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	18166	4.273	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	7193	0.448	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	9445	0.478	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	6656	0.240	ug/L	97
3) Chloromethane	1.527	50	7675	0.321	ug/L	99
5) Vinyl chloride	1.610	62	7213	0.306	ug/L	96
6) Bromomethane	1.864	94	4211	0.297	ug/L	98
8) Chloroethane	1.941	64	4052	0.293	ug/L	98
9) Trichlorofluoromethane	2.147	101	8597	0.279	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	5210	0.332	ug/L	93
12) 1,1-Dichloroethene	2.588	96	5262	0.330	ug/L	94
14) Carbon disulfide	2.800	76	17344	0.333	ug/L	99
15) Methyl Acetate	2.970	43	2308	0.294	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	14101	0.303	ug/L #	92
18) trans-1,2-Dichloroethene	3.362	96	5645	0.332	ug/L	96
19) 1,1-Dichloroethane	3.880	63	9516	0.303	ug/L	97
21) 2-Butanone	4.739	43	14480	2.456	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	6204	0.333	ug/L	96
23) Bromochloromethane	4.986	128	2839	0.307	ug/L	94
27) 1,2-Dichloroethane	5.800	62	6901	0.285	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	8889	0.288	ug/L	96
30) Cyclohexane	5.395	56	9527	0.373	ug/L	99
31) Carbon tetrachloride	5.530	117	7368	0.284	ug/L	96
33) Benzene	5.780	78	23555	0.317	ug/L	100
34) Trichloroethene	6.549	95	6267	0.320	ug/L	96
35) Methylcyclohexane	6.767	83	10062	0.365	ug/L	95
37) 1,2-Dichloropropane	6.796	63	5986	0.316	ug/L #	96
38) Bromodichloromethane	7.108	83	7699	0.294	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	8286	0.289	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	43592	3.066	ug/L	95
42) Toluene	7.973	91	25414	0.333	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	8123	0.306	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	4808	0.294	ug/L	96
47) Tetrachloroethene	8.558	164	4842	0.350	ug/L	94
49) Dibromochloromethane	8.816	129	5342	0.284	ug/L	90

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

50) 1,2-Dibromoethane	8.928	107	4650	0.295	ug/L #	97
51) Chlorobenzene	9.449	112	16641	0.342	ug/L	96
52) Ethylbenzene	9.574	91	27801	0.352	ug/L	99
53) m,p-Xylene	9.697	106	10747	0.356	ug/L	95
54) o-Xylene	10.105	106	10776	0.371	ug/L	91
55) Styrene	10.118	104	17104	0.340	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	6084	0.285	ug/L	97
59) Bromoform	10.295	173	3384	0.273	ug/L #	99
60) Isopropylbenzene	10.488	105	27409	0.332	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	5005	0.281	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	18666	0.272	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	24042	0.347	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	13657	0.340	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	14443	0.351	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	13392	0.332	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.002	75	1104	0.268	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.221	180	11636	0.383	ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	11811	0.459	ug/L	98
71) Naphthalene	14.089	128	27608	0.483	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	11938	0.468	ug/L	96

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

