

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050057.D
 Acq On : 04 Aug 2022 10:34
 Operator : SY/MD
 Sample : VSTD0.550
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Quant Time: Aug 05 04:32:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:27:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	37900	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	4291	0.552	ug/L	0.00
7) Chloroethane-d5	1.912	69	3541	0.564	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	1824	0.600	ug/L	0.00
20) 2-Butanone-d5	4.652	46	9086	4.792	ug/L	0.00
24) Chloroform-d	5.063	84	8021	0.555	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	4693	0.632	ug/L	0.00
32) Benzene-d6	5.726	84	15465	0.543	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	5305	0.566	ug/L	0.00
41) Toluene-d8	7.899	98	13286	0.529	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	1638	0.488	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	5257	4.414	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	4494	0.546	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	4398	0.592	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5033	0.588	ug/L	96
3) Chloromethane	1.520	50	6803	0.607	ug/L	99
5) Vinyl chloride	1.601	62	5667	0.565	ug/L	100
6) Bromomethane	1.858	94	3782	0.590	ug/L	88
8) Chloroethane	1.932	64	3506	0.593	ug/L	94
9) Trichlorofluoromethane	2.138	101	6542	0.595	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3885	0.635	ug/L	91
12) 1,1-Dichloroethene	2.575	96	3950	0.612	ug/L	85
13) Acetone	2.655	43	5900	5.587	ug/L	95
14) Carbon disulfide	2.790	76	13499	0.585	ug/L	99
15) Methyl Acetate	2.961	43	1537	0.533	ug/L #	80
16) Methylene chloride	3.044	84	7196	0.729	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	8568	0.508	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	3888	0.538	ug/L	98
19) 1,1-Dichloroethane	3.867	63	7513	0.549	ug/L	94
21) 2-Butanone	4.732	43	8791	4.629	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	4130	0.515	ug/L	92
23) Bromochloromethane	4.977	128	2081	0.542	ug/L	85
25) Chloroform	5.089	83	8421	0.577	ug/L	92
27) 1,2-Dichloroethane	5.797	62	4995	0.562	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	6090	0.544	ug/L	99
30) Cyclohexane	5.382	56	5208	0.534	ug/L	98
31) Carbon tetrachloride	5.523	117	5024	0.548	ug/L	99
33) Benzene	5.774	78	16794	0.526	ug/L	100
34) Trichloroethene	6.542	95	4222	0.546	ug/L	96
35) Methylcyclohexane	6.764	83	5254	0.527	ug/L	97
37) 1,2-Dichloropropane	6.793	63	4645	0.546	ug/L #	97
38) Bromodichloromethane	7.112	83	5588	0.540	ug/L	93
39) cis-1,3-Dichloropropene	7.610	75	5677	0.511	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	24969	5.065	ug/L	98
42) Toluene	7.970	91	15596	0.487	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	4992	0.524	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	3575	0.562	ug/L	91
47) Tetrachloroethene	8.552	164	3018	0.545	ug/L	97
48) 2-Hexanone	8.690	43	19006	4.985	ug/L	98
49) Dibromochloromethane	8.813	129	3760	0.534	ug/L	98
50) 1,2-Dibromoethane	8.928	107	2972	0.515	ug/L #	96
51) Chlorobenzene	9.449	112	10677	0.530	ug/L	97
52) Ethylbenzene	9.571	91	15435	0.494	ug/L	94
53) m,p-Xylene	9.697	106	5098	0.443	ug/L	84
54) o-Xylene	10.102	106	5161	0.449	ug/L	98
55) Styrene	10.118	104	8169	0.425	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	4465	0.534	ug/L #	97
59) Bromoform	10.295	173	2320	0.610	ug/L #	88
60) Isopropylbenzene	10.484	105	12453	0.492	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	3099	0.600	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	3757	0.525	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	9164	0.470	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	7481	0.586	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	7109	0.573	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	6767	0.548	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.002	75	483	0.477	ug/L	84
69) 1,3,5-Trichlorobenzene	13.221	180	5185	0.571	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	3634	0.528	ug/L	89
71) Naphthalene	14.089	128	8159	0.578	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	3765	0.539	ug/L	96

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

