

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049846.D
 Acq On : 22 Jul 2022 11:49
 Operator : SY/MD
 Sample : VSTD02042
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020042

Quant Time: Jul 23 00:40:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:37:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101710	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	97356	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	160257	18.342	ug/L	0.00
7) Chloroethane-d5	1.909	69	128886	21.030	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	69651	19.417	ug/L	0.00
20) 2-Butanone-d5	4.632	46	636063	253.889	ug/L	0.00
24) Chloroform-d	5.063	84	374608	25.426	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	210292	25.863	ug/L	0.00
32) Benzene-d6	5.726	84	683055	22.838	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	240219	23.470	ug/L	0.00
41) Toluene-d8	7.899	98	607246	22.657	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	90491	20.778	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	401592	227.813	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	198666	23.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	223013	21.526	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	207398	22.129	ug/L	98
3) Chloromethane	1.520	50	257561	25.300	ug/L	99
5) Vinyl chloride	1.600	62	221399	24.337	ug/L	100
6) Bromomethane	1.854	94	120871	24.442	ug/L	96
8) Chloroethane	1.932	64	116906	22.299	ug/L	99
9) Trichlorofluoromethane	2.134	101	260966	23.897	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	129212	20.767	ug/L	98
12) 1,1-Dichloroethene	2.575	96	136955	22.939	ug/L	94
13) Acetone	2.649	43	365262	280.629	ug/L	97
14) Carbon disulfide	2.787	76	424355	21.874	ug/L	99
15) Methyl Acetate	2.954	43	91641	27.756	ug/L	99
16) Methylene chloride	3.041	84	198230	23.362	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	480716	26.763	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	159514	24.023	ug/L	94
19) 1,1-Dichloroethane	3.867	63	351289	26.361	ug/L	97
21) 2-Butanone	4.713	43	646155	267.062	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	194716	26.025	ug/L	96
23) Bromochloromethane	4.973	128	88729	27.597	ug/L	98
25) Chloroform	5.089	83	361155	26.652	ug/L	99
27) 1,2-Dichloroethane	5.793	62	246786	27.435	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	290637	23.937	ug/L	98
30) Cyclohexane	5.388	56	241464	18.425	ug/L	99
31) Carbon tetrachloride	5.523	117	233996	22.974	ug/L	98
33) Benzene	5.774	78	757894	25.147	ug/L	100
34) Trichloroethene	6.542	95	183440	24.007	ug/L	98
35) Methylcyclohexane	6.764	83	230677	18.739	ug/L	97
37) 1,2-Dichloropropane	6.790	63	209827	25.184	ug/L	100
38) Bromodichloromethane	7.105	83	267055	26.195	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	305952	24.925	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	1568953	254.415	ug/L	99
42) Toluene	7.970	91	780622	24.504	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	262345	24.663	ug/L	99

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45) 1,1,2-Trichloroethane	8.401	97	147968	25.207	ug/L	99
47) Tetrachloroethene	8.552	164	124960	23.456	ug/L	99
48) 2-Hexanone	8.684	43	1151592	257.532	ug/L	98
49) Dibromochloromethane	8.812	129	170137	25.570	ug/L	94
50) 1,2-Dibromoethane	8.925	107	136509	25.489	ug/L	98
51) Chlorobenzene	9.446	112	479980	24.806	ug/L	99
52) Ethylbenzene	9.571	91	837597	24.474	ug/L	99
53) m,p-Xylene	9.693	106	306470	24.251	ug/L	96
54) o-Xylene	10.098	106	306741	24.445	ug/L	97
55) Styrene	10.115	104	539987	25.661	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	198690	25.740	ug/L	95
59) Bromoform	10.291	173	98000	23.706	ug/L	99
60) Isopropylbenzene	10.484	105	796767	21.736	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	142357	22.525	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	707455	22.103	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	709544	22.593	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	370592	22.940	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	363031	22.928	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	355165	23.223	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	35016	21.282	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	277523	23.400	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	245020	25.778	ug/L	99
71) Naphthalene	14.085	128	510760	27.286	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	236309	26.199	ug/L	96

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

