

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049843.D
 Acq On : 22 Jul 2022 10:38
 Operator : SY/MD
 Sample : VSTD00139
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001039

Quant Time: Jul 23 00:38:32 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	90425	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	7182	0.925	ug/L	0.00
7) Chloroethane-d5	1.912	69	5975	1.097	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	3138	0.984	ug/L	0.00
20) 2-Butanone-d5	4.652	46	24449	10.977	ug/L	0.01
24) Chloroform-d	5.063	84	14858	1.134	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	9356	1.294	ug/L	0.00
32) Benzene-d6	5.729	84	28273	1.027	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	9748	1.035	ug/L	0.00
41) Toluene-d8	7.899	98	24971	1.012	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	3432	0.856	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	12083	7.449	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	8121	1.063	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	8988	1.040	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	9854	1.183	ug/L	94
3) Chloromethane	1.520	50	10586	1.170	ug/L	93
5) Vinyl chloride	1.601	62	9521	1.177	ug/L	97
6) Bromomethane	1.858	94	4714	1.072	ug/L	94
8) Chloroethane	1.932	64	5659	1.214	ug/L	98
9) Trichlorofluoromethane	2.138	101	12475	1.285	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	5883	1.064	ug/L	96
12) 1,1-Dichloroethene	2.578	96	6128	1.154	ug/L	87
13) Acetone	2.658	43	14729	12.728	ug/L	97
14) Carbon disulfide	2.790	76	17427	1.010	ug/L	99
15) Methyl Acetate	2.964	43	3456	1.177	ug/L	98
16) Methylene chloride	3.041	84	17165	2.275	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	17213	1.078	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	6337	1.073	ug/L	95
19) 1,1-Dichloroethane	3.871	63	13955	1.178	ug/L	97
21) 2-Butanone	4.735	43	24684	11.475	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	7194	1.082	ug/L	90
23) Bromochloromethane	4.977	128	3070	1.074	ug/L	86
25) Chloroform	5.089	83	14407	1.196	ug/L	99
27) 1,2-Dichloroethane	5.800	62	10096	1.262	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	11030	0.987	ug/L	98
30) Cyclohexane	5.385	56	9823	0.815	ug/L	96
31) Carbon tetrachloride	5.526	117	9231	0.985	ug/L	94
33) Benzene	5.774	78	28825	1.039	ug/L	100
34) Trichloroethene	6.546	95	7233	1.029	ug/L	90
35) Methylcyclohexane	6.764	83	8599	0.759	ug/L	96
37) 1,2-Dichloropropane	6.793	63	8392	1.095	ug/L	99
38) Bromodichloromethane	7.105	83	10585	1.128	ug/L	91
39) cis-1,3-Dichloropropene	7.610	75	10463	0.926	ug/L	89
40) 4-Methyl-2-pentanone	7.796	43	56157	9.896	ug/L	96
42) Toluene	7.970	91	26903	0.918	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	8979	0.917	ug/L	98

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45) 1,1,2-Trichloroethane	8.401	97	6365	1.178	ug/L	91
47) Tetrachloroethene	8.555	164	4885	0.996	ug/L	96
48) 2-Hexanone	8.690	43	40849	9.927	ug/L	95
49) Dibromochloromethane	8.812	129	6736	1.100	ug/L	95
50) 1,2-Dibromoethane	8.925	107	5259	1.067	ug/L	99
51) Chlorobenzene	9.449	112	18163	1.020	ug/L	98
52) Ethylbenzene	9.571	91	28147	0.894	ug/L	96
53) m,p-Xylene	9.697	106	10086	0.867	ug/L	88
54) o-Xylene	10.102	106	9771	0.846	ug/L	94
55) Styrene	10.118	104	16031	0.828	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	8236	1.159	ug/L	90
59) Bromoform	10.291	173	3767	1.092	ug/L #	94
60) Isopropylbenzene	10.484	105	24667	0.807	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	5345	1.014	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.089	105	19682	0.737	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	18605	0.710	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	13029	0.967	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	13601	1.030	ug/L	92
67) 1,2-Dichlorobenzene	12.214	146	13322	1.044	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	1121	0.817	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.217	180	9668	0.977	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	7522	0.949	ug/L	99
71) Naphthalene	14.089	128	14164	0.907	ug/L	95
72) 1,2,3-Trichlorobenzene	14.330	180	6948	0.923	ug/L	91

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

