

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054157.D
 Acq On : 18 May 2023 10:08
 Operator : JC/MD
 Sample : VSTD00126
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001026

Quant Time: May 19 01:40:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 01:39:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	193809	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	185449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	10242	0.899	ug/L	0.00
7) Chloroethane-d5	1.912	69	7482	0.787	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	4481	0.928	ug/L	0.00
20) 2-Butanone-d5	4.642	46	16625	7.885	ug/L	0.00
24) Chloroform-d	5.060	84	18889	0.870	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	8723	0.872	ug/L	0.00
32) Benzene-d6	5.726	84	34816	0.824	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	10599	0.831	ug/L	0.00
41) Toluene-d8	7.893	98	32901	0.831	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	3975	0.781	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	11132	6.409	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	7086	0.691	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	10998	0.712	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13869	0.965	ug/L	94
3) Chloromethane	1.520	50	12975	0.936	ug/L	96
5) Vinyl chloride	1.604	62	13426	0.853	ug/L	93
6) Bromomethane	1.858	94	8343	0.826	ug/L	100
8) Chloroethane	1.935	64	8271	0.839	ug/L	92
9) Trichlorofluoromethane	2.138	101	20962	0.884	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	11453	0.827	ug/L	90
12) 1,1-Dichloroethene	2.578	96	10504	0.863	ug/L	89
13) Acetone	2.652	43	23798	12.401	ug/L	96
14) Carbon disulfide	2.790	76	27395	0.838	ug/L	98
15) Methyl Acetate	2.957	43	4080	1.029	ug/L	92
16) Methylene chloride	3.044	84	17383	1.050	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	26606	0.978	ug/L #	88
18) trans-1,2-Dichloroethene	3.350	96	11003	0.891	ug/L	98
19) 1,1-Dichloroethane	3.864	63	22886	1.010	ug/L	97
21) 2-Butanone	4.723	43	29138	11.078	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	12912	0.920	ug/L	88
23) Bromochloromethane	4.973	128	5676	0.915	ug/L	94
25) Chloroform	5.083	83	24576	1.000	ug/L	95
27) 1,2-Dichloroethane	5.790	62	13961	0.985	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	21759	1.019	ug/L	97
30) Cyclohexane	5.382	56	16998	0.908	ug/L	94
31) Carbon tetrachloride	5.520	117	18057	0.975	ug/L	97
33) Benzene	5.771	78	47897	0.914	ug/L	100
34) Trichloroethene	6.536	95	12631	0.888	ug/L	97
35) Methylcyclohexane	6.758	83	17490	0.810	ug/L	96
37) 1,2-Dichloropropane	6.787	63	12290	0.934	ug/L #	96
38) Bromodichloromethane	7.102	83	16098	0.975	ug/L #	96
39) cis-1,3-Dichloropropene	7.604	75	17189	0.861	ug/L	94
40) 4-Methyl-2-pentanone	7.787	43	60110	9.719	ug/L	95
42) Toluene	7.967	91	49438	0.889	ug/L	95
44) trans-1,3-Dichloropropene	8.208	75	14741	0.912	ug/L	95

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45) 1,1,2-Trichloroethane	8.394	97	8905	0.912	ug/L	95
47) Tetrachloroethene	8.549	164	10261	0.901	ug/L	93
48) 2-Hexanone	8.684	43	43234	9.157	ug/L	97
49) Dibromochloromethane	8.806	129	9295	0.887	ug/L	96
50) 1,2-Dibromoethane	8.922	107	8205	0.906	ug/L #	90
51) Chlorobenzene	9.443	112	33697	0.889	ug/L	95
52) Ethylbenzene	9.568	91	52593	0.854	ug/L	98
53) m,p-Xylene	9.690	106	19105	0.811	ug/L	98
54) o-Xylene	10.095	106	20124	0.884	ug/L	89
55) Styrene	10.111	104	31001	0.830	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.777	83	10957	0.930	ug/L	99
59) Bromoform	10.288	173	5641	0.971	ug/L	93
60) Isopropylbenzene	10.481	105	52011	0.868	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	7334	0.948	ug/L	96
62) 1,3,5-Trimethylbenzene	11.082	105	40190	0.822	ug/L	97
63) 1,2,4-Trimethylbenzene	11.462	105	39136	0.791	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	27787	0.927	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	27196	0.898	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	24474	0.879	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.989	75	1426	0.880	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	19589	0.899	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	15265	0.770	ug/L	99
71) Naphthalene	14.086	128	19844	0.581	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	12935	0.730	ug/L	94

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

