

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054406.D
 Acq On : 07 Jun 2023 12:05
 Operator : MD/SY
 Sample : VSTD00132
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001032

Quant Time: Jun 08 01:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:03:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	321473	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	297597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	19773	0.966	ug/L	0.00
7) Chloroethane-d5	1.914	69	18317	0.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	8733	0.956	ug/L	0.00
20) 2-Butanone-d5	4.644	46	50314	8.747	ug/L	0.01
24) Chloroform-d	5.058	84	39427	0.922	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	20189	0.968	ug/L	0.00
32) Benzene-d6	5.727	84	78747	0.952	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	25935	0.939	ug/L	0.00
41) Toluene-d8	7.894	98	67994	0.926	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	9001	0.937	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	34081	8.456	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	18629	0.904	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	23923	0.930	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	27685	0.922	ug/L	100
3) Chloromethane	1.518	50	32594	0.945	ug/L	96
5) Vinyl chloride	1.605	62	32463	0.917	ug/L	97
6) Bromomethane	1.859	94	17566	0.902	ug/L	99
8) Chloroethane	1.933	64	19161	0.903	ug/L	100
9) Trichlorofluoromethane	2.136	101	40841	0.938	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	23741	0.932	ug/L	96
12) 1,1-Dichloroethene	2.579	96	21562	0.925	ug/L	91
13) Acetone	2.647	43	45830	8.450	ug/L	98
14) Carbon disulfide	2.795	76	62142	0.899	ug/L	99
15) Methyl Acetate	2.959	43	8849	0.880	ug/L	94
16) Methylene chloride	3.045	84	31926	0.974	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	50248	0.873	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	21975	0.913	ug/L	92
19) 1,1-Dichloroethane	3.865	63	45613	0.916	ug/L	99
21) 2-Butanone	4.721	43	56867	7.640	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	24519	0.894	ug/L	96
23) Bromochloromethane	4.975	128	10124	0.887	ug/L	93
25) Chloroform	5.087	83	43929	0.894	ug/L	98
27) 1,2-Dichloroethane	5.795	62	25679	0.892	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	36560	0.906	ug/L	99
30) Cyclohexane	5.386	56	38425	0.874	ug/L	96
31) Carbon tetrachloride	5.528	117	30549	0.879	ug/L	97
33) Benzene	5.772	78	95862	0.896	ug/L	100
34) Trichloroethene	6.544	95	25795	0.912	ug/L	94
35) Methylcyclohexane	6.759	83	36511	0.854	ug/L	99
37) 1,2-Dichloropropane	6.788	63	26780	0.926	ug/L	99
38) Bromodichloromethane	7.103	83	30287	0.925	ug/L	94
39) cis-1,3-Dichloropropene	7.605	75	35780	0.906	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	133968	8.681	ug/L	98
42) Toluene	7.968	91	97930	0.889	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	27381	0.855	ug/L	97

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45) 1,1,2-Trichloroethane	8.396	97	16733	0.910	ug/L	97
47) Tetrachloroethene	8.550	164	20068	0.927	ug/L	95
48) 2-Hexanone	8.685	43	91197	7.931	ug/L	96
49) Dibromochloromethane	8.807	129	16794	0.869	ug/L	95
50) 1,2-Dibromoethane	8.920	107	14929	0.884	ug/L	93
51) Chlorobenzene	9.444	112	61658	0.898	ug/L	97
52) Ethylbenzene	9.566	91	102234	0.850	ug/L	98
53) m,p-Xylene	9.692	106	37186	0.842	ug/L	97
54) o-Xylene	10.097	106	37327	0.873	ug/L	98
55) Styrene	10.113	104	57218	0.798	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	20995	0.898	ug/L	95
59) Bromoform	10.286	173	10317	0.943	ug/L	92
60) Isopropylbenzene	10.479	105	101185	0.907	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	15101	0.980	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	77023	0.846	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	77714	0.841	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	47660	0.914	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	47971	0.917	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	44096	0.920	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	3267	0.965	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.216	180	34657	0.881	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	27994	0.861	ug/L	98
71) Naphthalene	14.087	128	43015	0.813	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	23428	0.838	ug/L	99

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

