

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055337.D
 Acq On : 15 Sep 2023 13:41
 Operator : MD/SY
 Sample : VSTD00557
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005057

Quant Time: Sep 16 00:16:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:14:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	189943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198474	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	110751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	59098	5.507	ug/L	0.00
7) Chloroethane-d5	1.911	69	66970	7.554	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	20875	4.553	ug/L	0.00
20) 2-Butanone-d5	4.628	46	161794	76.523	ug/L	0.00
24) Chloroform-d	5.058	84	132996	6.351	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	66409	6.750	ug/L	0.00
32) Benzene-d6	5.724	84	227863	5.458	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	76859	6.148	ug/L	0.00
41) Toluene-d8	7.894	98	199134	5.130	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	26457	5.472	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	98888	64.971	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67365	7.143	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	75833	5.404	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	93386	6.172	ug/L	100
3) Chloromethane	1.518	50	91656	6.416	ug/L	100
5) Vinyl chloride	1.602	62	96184	6.395	ug/L	100
6) Bromomethane	1.856	94	73540	7.505	ug/L	100
8) Chloroethane	1.930	64	76572	7.489	ug/L	100
9) Trichlorofluoromethane	2.136	101	156859	6.526	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	76616	5.769	ug/L	100
12) 1,1-Dichloroethene	2.576	96	67369	5.667	ug/L	100
13) Acetone	2.640	43	95605	40.186	ug/L	100
14) Carbon disulfide	2.792	76	215699	6.784	ug/L	100
15) Methyl Acetate	2.952	43	21648	4.923	ug/L	100
16) Methylene chloride	3.042	84	90649	5.683	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	162794	5.506	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	74793	6.067	ug/L	100
19) 1,1-Dichloroethane	3.865	63	147024	5.970	ug/L	100
21) 2-Butanone	4.711	43	163683	50.248	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	85573	5.960	ug/L	100
23) Bromochloromethane	4.972	128	35815	5.802	ug/L	100
25) Chloroform	5.084	83	156187	5.861	ug/L	100
27) 1,2-Dichloroethane	5.791	62	95877	6.183	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	130580	5.253	ug/L	100
30) Cyclohexane	5.386	56	123652	5.901	ug/L	100
31) Carbon tetrachloride	5.521	117	108912	5.114	ug/L	100
33) Benzene	5.772	78	340716	5.896	ug/L	100
34) Trichloroethene	6.541	95	93651	5.976	ug/L	100
35) Methylcyclohexane	6.759	83	141022	6.086	ug/L	100
37) 1,2-Dichloropropane	6.788	63	89954	5.924	ug/L	100
38) Bromodichloromethane	7.103	83	105296	5.562	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	120380	5.451	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	423635	56.098	ug/L	100
42) Toluene	7.965	91	384310	6.223	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	93802	5.241	ug/L	100

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45) 1,1,2-Trichloroethane	8.396	97	60075	5.600	ug/L	100
47) Tetrachloroethene	8.550	164	63879	5.186	ug/L	100
48) 2-Hexanone	8.682	43	329505	57.166	ug/L	100
49) Dibromochloromethane	8.807	129	62824	5.301	ug/L	100
50) 1,2-Dibromoethane	8.923	107	58283	5.827	ug/L	100
51) Chlorobenzene	9.444	112	239628	5.811	ug/L	100
52) Ethylbenzene	9.566	91	418864	6.101	ug/L	100
53) m,p-Xylene	9.692	106	161809	6.211	ug/L	100
54) o-Xylene	10.097	106	153160	5.988	ug/L	100
55) Styrene	10.113	104	254542	6.082	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	68302	5.396	ug/L	100
59) Bromoform	10.286	173	31927	4.609	ug/L	100
60) Isopropylbenzene	10.483	105	414106	5.931	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	51804	5.640	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	316581	5.644	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	320957	5.719	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	184873	5.413	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	183847	5.404	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	167970	5.375	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	9338	5.011	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	120714	4.872	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	87752	4.367	ug/L	100
71) Naphthalene	14.084	128	121400	4.200	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	74923	4.430	ug/L	100

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

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