

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061862.D
 Acq On : 20 Nov 2024 12:35
 Operator : MD/SY
 Sample : VSTD01053
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010053

Quant Time: Nov 21 00:32:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	184962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	172025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	98809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88917	7.225	ug/L	0.00
7) Chloroethane-d5	1.904	69	79043	8.322	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	37012	6.838	ug/L	0.00
20) 2-Butanone-d5	4.608	46	297551	96.394	ug/L	0.00
24) Chloroform-d	5.052	84	222016	9.662	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.688	65	111019	9.226	ug/L	0.00
32) Benzene-d6	5.717	84	376024	8.664	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	128471	8.919	ug/L	0.00
41) Toluene-d8	7.888	98	318665	7.966	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	49878	8.266	ug/L	0.00
46) 2-Hexanone-d5	8.621	63	214767	85.915	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	138901	12.145	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	152807	10.131	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	158026	15.335	ug/L	99
3) Chloromethane	1.518	50	159861	11.751	ug/L	99
5) Vinyl chloride	1.599	62	167789	12.211	ug/L	98
6) Bromomethane	1.843	94	98279	13.046	ug/L	100
8) Chloroethane	1.923	64	100580	12.080	ug/L	96
9) Trichlorofluoromethane	2.129	101	209403	11.930	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	132359	11.585	ug/L	99
12) 1,1-Dichloroethene	2.570	96	120465	10.982	ug/L	94
13) Acetone	2.615	43	187098	93.438	ug/L	97
14) Carbon disulfide	2.785	76	391817	10.747	ug/L	99
15) Methyl Acetate	2.939	43	50162	10.185	ug/L	98
16) Methylene chloride	3.036	84	137194	10.951	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	316671	10.400	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	131406	11.058	ug/L	95
19) 1,1-Dichloroethane	3.856	63	250811	10.878	ug/L	100
21) 2-Butanone	4.685	43	320611	98.475	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	150061	11.336	ug/L	98
23) Bromochloromethane	4.962	128	64263	11.799	ug/L	98
25) Chloroform	5.074	83	261726	11.168	ug/L	99
27) 1,2-Dichloroethane	5.782	62	164510	10.777	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	222877	11.053	ug/L	100
30) Cyclohexane	5.377	56	233520	10.553	ug/L	98
31) Carbon tetrachloride	5.515	117	191177	11.236	ug/L	99
33) Benzene	5.762	78	578093	11.266	ug/L	100
34) Trichloroethene	6.531	95	152176	10.916	ug/L	99
35) Methylcyclohexane	6.753	83	241309	10.894	ug/L	99
37) 1,2-Dichloropropane	6.778	63	148992	11.077	ug/L	99
38) Bromodichloromethane	7.094	83	185364	11.018	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	217212	10.520	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	815370	98.143	ug/L	99
42) Toluene	7.958	91	621302	11.313	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	178774	10.532	ug/L	100

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45) 1,1,2-Trichloroethane	8.389	97	107372	11.709	ug/L	99
47) Tetrachloroethene	8.544	164	106876	11.625	ug/L	99
48) 2-Hexanone	8.672	43	587751	101.965	ug/L	99
49) Dibromochloromethane	8.801	129	113100	10.974	ug/L	95
50) 1,2-Dibromoethane	8.913	107	101843	11.899	ug/L	97
51) Chlorobenzene	9.438	112	375324	11.242	ug/L	98
52) Ethylbenzene	9.560	91	683636	11.137	ug/L	98
53) m,p-Xylene	9.685	106	256757	11.396	ug/L	99
54) o-Xylene	10.090	106	247790	11.249	ug/L	99
55) Styrene	10.106	104	416738	11.664	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	155773	13.138	ug/L	100
59) Bromoform	10.280	173	61068	9.024	ug/L	99
60) Isopropylbenzene	10.476	105	775795	11.468	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	109241	11.062	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	589806	10.048	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	642094	11.089	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	335552	11.578	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	333871	11.657	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	308200	11.970	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	18323	9.139	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	189096	9.813	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	152373	10.302	ug/L	98
71) Naphthalene	14.080	128	246025	10.383	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	129003	10.452	ug/L	99

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

