

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061037.D
 Acq On : 01 Oct 2024 11:23
 Operator : MD/SY
 Sample : VSTD02028
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020028

Quant Time: Oct 02 01:55:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 01:31:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	185075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	172745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	85674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	295988	22.370	ug/L	0.00
7) Chloroethane-d5	1.911	69	214513	21.658	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	129971	22.266	ug/L	0.00
20) 2-Butanone-d5	4.621	46	746686	238.850	ug/L	0.00
24) Chloroform-d	5.052	84	525372	22.528	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	278011	22.491	ug/L	0.00
32) Benzene-d6	5.718	84	1034269	22.707	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	334889	22.388	ug/L	0.00
41) Toluene-d8	7.888	98	948408	22.277	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	145956	22.821	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	635205	239.946	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.747	84	250562	22.841	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	307776	22.467	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	193031	21.399	ug/L	99
3) Chloromethane	1.519	50	273690	21.009	ug/L	97
5) Vinyl chloride	1.602	62	285993	21.867	ug/L	98
6) Bromomethane	1.856	94	149975	21.498	ug/L	97
8) Chloroethane	1.930	64	165416	20.852	ug/L	99
9) Trichlorofluoromethane	2.133	101	361588	21.518	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	242300	21.831	ug/L	95
12) 1,1-Dichloroethene	2.573	96	228305	21.362	ug/L	87
13) Acetone	2.647	43	445837	218.717	ug/L	96
14) Carbon disulfide	2.789	76	797008	21.945	ug/L	100
15) Methyl Acetate	2.949	43	108872	22.381	ug/L	99
16) Methylene chloride	3.036	84	260386	21.223	ug/L	89
17) Methyl tert-butyl Ether	3.355	73	663902	21.710	ug/L	# 95
18) trans-1,2-Dichloroethene	3.345	96	250811	21.409	ug/L	90
19) 1,1-Dichloroethane	3.859	63	498757	21.878	ug/L	98
21) 2-Butanone	4.702	43	767811	226.195	ug/L	96
22) cis-1,2-Dichloroethene	4.654	96	281098	21.544	ug/L	93
23) Bromochloromethane	4.965	128	115119	21.919	ug/L	# 88
25) Chloroform	5.078	83	495362	21.691	ug/L	97
27) 1,2-Dichloroethane	5.782	62	323769	21.524	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	426547	21.339	ug/L	97
30) Cyclohexane	5.380	56	469421	21.080	ug/L	94
31) Carbon tetrachloride	5.515	117	373242	22.001	ug/L	100
33) Benzene	5.763	78	1096602	21.534	ug/L	100
34) Trichloroethene	6.531	95	288627	20.908	ug/L	96
35) Methylcyclohexane	6.753	83	479152	21.493	ug/L	96
37) 1,2-Dichloropropane	6.779	63	292908	21.827	ug/L	# 97
38) Bromodichloromethane	7.097	83	362678	21.617	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	462092	21.961	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	1895764	220.548	ug/L	94
42) Toluene	7.959	91	1154212	21.275	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	389177	22.367	ug/L	98

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45) 1,1,2-Trichloroethane	8.390	97	186237	20.940	ug/L	96
47) Tetrachloroethene	8.544	164	195191	21.726	ug/L	95
48) 2-Hexanone	8.676	43	1363151	228.739	ug/L	95
49) Dibromochloromethane	8.801	129	232210	22.440	ug/L	96
50) 1,2-Dibromoethane	8.914	107	183534	21.799	ug/L #	98
51) Chlorobenzene	9.438	112	712599	21.564	ug/L	94
52) Ethylbenzene	9.560	91	1321901	21.501	ug/L	98
53) m,p-Xylene	9.686	106	486180	21.679	ug/L	92
54) o-Xylene	10.091	106	480301	21.768	ug/L	91
55) Styrene	10.104	104	793670	22.288	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.772	83	245120	21.933	ug/L	96
59) Bromoform	10.280	173	128265	21.811	ug/L	98
60) Isopropylbenzene	10.476	105	1206193	21.051	ug/L	97
61) 1,2,3-Trichloropropane	10.811	75	178015	21.151	ug/L	97
62) 1,3,5-Trimethylbenzene	11.078	105	1081159	21.411	ug/L	97
63) 1,2,4-Trimethylbenzene	11.457	105	1090415	21.393	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	535544	21.805	ug/L	96
65) 1,4-Dichlorobenzene	11.827	146	518791	21.368	ug/L	95
67) 1,2-Dichlorobenzene	12.203	146	490938	21.629	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	43376	23.631	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.209	180	392750	22.711	ug/L #	96
70) 1,2,4-trichlorobenzene	13.830	180	333984	25.202	ug/L	96
71) Naphthalene	14.078	128	586036	27.621	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	276528	25.075	ug/L #	97

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

