

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
 Data File : VU061192.D
 Acq On : 23 Oct 2024 11:12
 Operator : MD/SY
 Sample : VSTD02034
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020034

Quant Time: Oct 24 01:15:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:12:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	195450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	185605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	95703	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	273047	20.566	ug/L	0.00
7) Chloroethane-d5	1.907	69	269694	22.158	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	117702	20.720	ug/L	0.00
20) 2-Butanone-d5	4.618	46	589486	221.329	ug/L	0.00
24) Chloroform-d	5.052	84	531844	21.103	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	258189	20.554	ug/L	0.00
32) Benzene-d6	5.718	84	1066612	20.395	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	321314	20.436	ug/L	0.00
41) Toluene-d8	7.888	98	1026347	20.989	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	142276	22.167	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	594922	226.316	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	261665	22.007	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	352082	20.775	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	270869	20.788	ug/L	99
3) Chloromethane	1.515	50	273266	19.887	ug/L	100
5) Vinyl chloride	1.599	62	307019	20.322	ug/L	99
6) Bromomethane	1.853	94	215607	21.537	ug/L	98
8) Chloroethane	1.930	64	247935	22.290	ug/L	100
9) Trichlorofluoromethane	2.129	101	428264	20.871	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	248849	20.424	ug/L	99
12) 1,1-Dichloroethene	2.573	96	237919	20.589	ug/L	95
13) Acetone	2.637	43	340285	199.308	ug/L	99
14) Carbon disulfide	2.785	76	796219	20.652	ug/L	100
15) Methyl Acetate	2.946	43	87906	20.789	ug/L	98
16) Methylene chloride	3.036	84	269888	19.820	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	660831	21.100	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	263603	20.630	ug/L	98
19) 1,1-Dichloroethane	3.856	63	498854	20.700	ug/L	99
21) 2-Butanone	4.698	43	593182	223.882	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	306628	21.009	ug/L	98
23) Bromochloromethane	4.962	128	132217	21.529	ug/L	98
25) Chloroform	5.078	83	525410	20.736	ug/L	99
27) 1,2-Dichloroethane	5.782	62	328521	20.516	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	457863	20.145	ug/L	99
30) Cyclohexane	5.380	56	454785	19.950	ug/L	100
31) Carbon tetrachloride	5.515	117	401480	20.644	ug/L	98
33) Benzene	5.763	78	1162949	20.260	ug/L	100
34) Trichloroethene	6.534	95	316458	20.267	ug/L	99
35) Methylcyclohexane	6.753	83	504728	20.309	ug/L	99
37) 1,2-Dichloropropane	6.782	63	299058	20.554	ug/L	99
38) Bromodichloromethane	7.097	83	380547	20.667	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	483007	21.493	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	1528468	211.075	ug/L	99
42) Toluene	7.962	91	1298959	20.838	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	397275	21.697	ug/L	99

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45) 1,1,2-Trichloroethane	8.389	97	219277	20.942	ug/L	98
47) Tetrachloroethene	8.544	164	228797	20.980	ug/L	99
48) 2-Hexanone	8.676	43	1126266	219.944	ug/L	99
49) Dibromochloromethane	8.801	129	258880	21.799	ug/L	95
50) 1,2-Dibromoethane	8.914	107	215001	21.136	ug/L	97
51) Chlorobenzene	9.438	112	824340	20.922	ug/L	99
52) Ethylbenzene	9.560	91	1463536	21.345	ug/L	99
53) m,p-Xylene	9.685	106	567641	21.731	ug/L	98
54) o-Xylene	10.090	106	554047	21.491	ug/L	98
55) Styrene	10.106	104	928954	22.477	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	271116	21.488	ug/L	98
59) Bromoform	10.280	173	152839	21.575	ug/L	99
60) Isopropylbenzene	10.476	105	1487264	20.343	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	185756	19.485	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	1236634	20.778	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	1227952	20.872	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	644647	20.951	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	632630	20.168	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	592360	20.455	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	43038	21.500	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	458983	21.761	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	393603	23.124	ug/L	99
71) Naphthalene	14.077	128	671863	25.338	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	331718	23.295	ug/L	100

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

