

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058182.D
 Acq On : 21 Mar 2024 13:23
 Operator : MD/SY
 Sample : VSTD01044
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010044

Quant Time: Mar 22 04:40:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:38:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91858	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80944	11.998	ug/L	0.00
7) Chloroethane-d5	1.911	69	65779	11.809	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	34738	12.019	ug/L	0.00
20) 2-Butanone-d5	4.621	46	155532	137.897	ug/L	0.00
24) Chloroform-d	5.052	84	149497	11.852	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	69721	12.094	ug/L	0.00
32) Benzene-d6	5.718	84	304233	11.918	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	90372	11.703	ug/L	0.00
41) Toluene-d8	7.891	98	274947	11.938	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	30299	11.681	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	127094	141.309	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59092	12.515	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	86592	11.879	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	50565	9.811	ug/L	99
3) Chloromethane	1.515	50	61208	10.021	ug/L	96
5) Vinyl chloride	1.602	62	69178	10.598	ug/L	100
6) Bromomethane	1.856	94	38179	10.980	ug/L	100
8) Chloroethane	1.930	64	47246	11.324	ug/L	100
9) Trichlorofluoromethane	2.136	101	112253	11.744	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	71221	11.831	ug/L	97
12) 1,1-Dichloroethene	2.576	96	61219	11.661	ug/L	87
13) Acetone	2.640	43	125157	156.222	ug/L	97
14) Carbon disulfide	2.788	76	141738	9.043	ug/L	100
15) Methyl Acetate	2.949	43	24113	13.552	ug/L	93
16) Methylene chloride	3.039	84	76612	11.758	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	169675	13.292	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	65862	11.475	ug/L	97
19) 1,1-Dichloroethane	3.859	63	145873	12.484	ug/L	99
21) 2-Butanone	4.702	43	191477	151.568	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	80831	12.575	ug/L	97
23) Bromochloromethane	4.965	128	31844	13.284	ug/L	96
25) Chloroform	5.078	83	151540	12.627	ug/L	97
27) 1,2-Dichloroethane	5.785	62	88275	13.299	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	124097	12.429	ug/L	99
30) Cyclohexane	5.380	56	109588	11.229	ug/L	99
31) Carbon tetrachloride	5.518	117	105215	12.252	ug/L	99
33) Benzene	5.766	78	312593	12.181	ug/L	100
34) Trichloroethene	6.534	95	80389	11.903	ug/L	97
35) Methylcyclohexane	6.756	83	118374	11.736	ug/L	99
37) 1,2-Dichloropropane	6.782	63	88283	13.229	ug/L	100
38) Bromodichloromethane	7.097	83	106300	13.219	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	118776	13.069	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	462250	149.523	ug/L	100
42) Toluene	7.962	91	339116	12.732	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	96701	13.338	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	55625	13.920	ug/L	98
47) Tetrachloroethene	8.544	164	55520	11.893	ug/L	99
48) 2-Hexanone	8.676	43	344342	152.299	ug/L	97
49) Dibromochloromethane	8.801	129	65051	13.931	ug/L	98
50) 1,2-Dibromoethane	8.917	107	48579	13.778	ug/L	96
51) Chlorobenzene	9.438	112	213835	12.667	ug/L	99
52) Ethylbenzene	9.563	91	385131	12.890	ug/L	99
53) m,p-Xylene	9.685	106	140540	13.207	ug/L	98
54) o-Xylene	10.094	106	140839	13.146	ug/L	100
55) Styrene	10.106	104	233352	13.979	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	65140	13.822	ug/L	97
59) Bromoform	10.283	173	33610	14.024	ug/L #	95
60) Isopropylbenzene	10.476	105	365129	12.857	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	48705	13.745	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	317588	13.264	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	320948	13.623	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	165940	12.768	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	158852	12.521	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	152533	13.375	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	9608	13.781	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	124059	13.313	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	97329	13.971	ug/L	98
71) Naphthalene	14.081	128	140000	14.717	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	78561	14.120	ug/L	97

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

