

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058183.D
 Acq On : 21 Mar 2024 13:46
 Operator : MD/SY
 Sample : VSTD02045
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020045

Quant Time: Mar 22 04:41:17 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	91642	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	88360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45857	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	167591	24.899	ug/L	0.00
7) Chloroethane-d5	1.911	69	138060	24.845	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	72376	25.101	ug/L	0.00
20) 2-Butanone-d5	4.618	46	334735	297.480	ug/L	0.00
24) Chloroform-d	5.052	84	307121	24.407	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	143735	24.992	ug/L	0.00
32) Benzene-d6	5.717	84	631517	24.321	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	188404	23.986	ug/L	0.00
41) Toluene-d8	7.891	98	577193	24.639	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	67708	25.662	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	280802	306.940	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	125013	26.029	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	184960	24.218	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	77863	15.143	ug/L	100
3) Chloromethane	1.518	50	92363	15.157	ug/L	98
5) Vinyl chloride	1.602	62	108361	16.640	ug/L	100
6) Bromomethane	1.856	94	58346	16.820	ug/L	98
8) Chloroethane	1.930	64	71697	17.224	ug/L	99
9) Trichlorofluoromethane	2.136	101	176388	18.497	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	109883	18.297	ug/L	98
12) 1,1-Dichloroethene	2.576	96	95080	18.153	ug/L	96
13) Acetone	2.640	43	186896	233.835	ug/L	96
14) Carbon disulfide	2.788	76	218390	13.966	ug/L	100
15) Methyl Acetate	2.946	43	38682	21.792	ug/L	92
16) Methylene chloride	3.036	84	112769	17.348	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	263123	20.660	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	100455	17.544	ug/L	100
19) 1,1-Dichloroethane	3.859	63	223790	19.197	ug/L	99
21) 2-Butanone	4.698	43	295495	234.456	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	124469	19.409	ug/L	97
23) Bromochloromethane	4.965	128	49530	20.711	ug/L	95
25) Chloroform	5.078	83	233846	19.531	ug/L	96
27) 1,2-Dichloroethane	5.785	62	132806	20.055	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	193147	19.018	ug/L	99
30) Cyclohexane	5.380	56	171801	17.306	ug/L	98
31) Carbon tetrachloride	5.515	117	164577	18.841	ug/L	98
33) Benzene	5.766	78	480175	18.396	ug/L	100
34) Trichloroethene	6.534	95	124973	18.192	ug/L	98
35) Methylcyclohexane	6.756	83	184082	17.942	ug/L	98
37) 1,2-Dichloropropane	6.782	63	131831	19.421	ug/L	99
38) Bromodichloromethane	7.097	83	162850	19.909	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	190268	20.583	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	710828	226.050	ug/L	99
42) Toluene	7.962	91	517009	19.083	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	154206	20.911	ug/L	99

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45) 1,1,2-Trichloroethane	8.389	97	83977	20.660	ug/L	99
47) Tetrachloroethene	8.547	164	86431	18.202	ug/L	99
48) 2-Hexanone	8.676	43	529726	230.340	ug/L	98
49) Dibromochloromethane	8.801	129	103301	21.750	ug/L	98
50) 1,2-Dibromoethane	8.913	107	75672	21.099	ug/L	96
51) Chlorobenzene	9.438	112	329622	19.197	ug/L	99
52) Ethylbenzene	9.563	91	599042	19.712	ug/L	98
53) m,p-Xylene	9.685	106	220248	20.347	ug/L	99
54) o-Xylene	10.093	106	221759	20.350	ug/L	98
55) Styrene	10.106	104	364493	21.466	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	102710	21.427	ug/L	100
59) Bromoform	10.283	173	53105	21.150	ug/L #	96
60) Isopropylbenzene	10.476	105	575329	19.338	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	75650	20.378	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	507702	20.240	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	510261	20.674	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	262170	19.254	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	253813	19.096	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	241756	20.234	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	16157	22.120	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	197323	20.211	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	163888	22.456	ug/L	99
71) Naphthalene	14.077	128	243214	24.403	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	131847	22.619	ug/L	97

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

