

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053388.D
 Acq On : 24 Mar 2023 13:07
 Operator : JC/MD
 Sample : VSTD00515
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005015

Quant Time: Mar 24 22:45:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 22:43:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	143070	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	69055	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52336	6.848	ug/L	0.00
7) Chloroethane-d5	1.912	69	47540	6.693	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	22841	6.552	ug/L	0.00
20) 2-Butanone-d5	4.639	46	123136	56.814	ug/L	0.00
24) Chloroform-d	5.057	84	97270	5.845	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	50012	5.902	ug/L	0.00
32) Benzene-d6	5.723	84	198730	6.036	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	61837	5.519	ug/L	0.00
41) Toluene-d8	7.893	98	190155	6.270	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	23411	5.240	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	101714	52.065	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	52681	5.546	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	66275	6.029	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	53124	5.058	ug/L	100
3) Chloromethane	1.517	50	51903	4.802	ug/L	100
5) Vinyl chloride	1.604	62	58684	4.948	ug/L	100
6) Bromomethane	1.858	94	35814	4.845	ug/L	100
8) Chloroethane	1.935	64	35587	5.014	ug/L	100
9) Trichlorofluoromethane	2.138	101	91720	5.440	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	47098	5.152	ug/L	100
12) 1,1-Dichloroethene	2.578	96	42026	5.001	ug/L	100
13) Acetone	2.655	43	68207	45.571	ug/L	100
14) Carbon disulfide	2.790	76	119821	4.793	ug/L	100
15) Methyl Acetate	2.954	43	16017	4.558	ug/L	100
16) Methylene chloride	3.041	84	47708	4.884	ug/L	100
17) Methyl tert-butyl Ether	3.356	73	101846	4.569	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	43147	4.836	ug/L	100
19) 1,1-Dichloroethane	3.861	63	80199	4.831	ug/L	100
21) 2-Butanone	4.723	43	103503	47.450	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	49964	4.958	ug/L	100
23) Bromochloromethane	4.970	128	20265	5.127	ug/L	100
25) Chloroform	5.083	83	81998	4.737	ug/L	100
27) 1,2-Dichloroethane	5.787	62	51263	4.818	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	70354	4.470	ug/L	100
30) Cyclohexane	5.382	56	73311	4.602	ug/L	100
31) Carbon tetrachloride	5.520	117	57219	4.374	ug/L	100
33) Benzene	5.768	78	181951	4.725	ug/L	100
34) Trichloroethene	6.539	95	48414	4.476	ug/L	100
35) Methylcyclohexane	6.758	83	85135	4.808	ug/L	100
37) 1,2-Dichloropropane	6.787	63	49029	4.686	ug/L	100
38) Bromodichloromethane	7.099	83	55056	4.139	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	72608	4.422	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	242414	44.837	ug/L	100
42) Toluene	7.964	91	200185	4.761	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	59941	4.409	ug/L	100

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45) 1,1,2-Trichloroethane	8.398	97	35713	4.719	ug/L	100
47) Tetrachloroethene	8.549	164	35636	4.987	ug/L	100
48) 2-Hexanone	8.681	43	181286	45.460	ug/L	100
49) Dibromochloromethane	8.803	129	34626	4.291	ug/L	100
50) 1,2-Dibromoethane	8.919	107	33568	4.804	ug/L	100
51) Chlorobenzene	9.443	112	127954	4.864	ug/L	100
52) Ethylbenzene	9.565	91	217906	4.607	ug/L	100
53) m,p-Xylene	9.690	106	85302	4.791	ug/L	100
54) o-Xylene	10.095	106	81056	4.717	ug/L	100
55) Styrene	10.108	104	130854	4.721	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	44036	4.621	ug/L	100
59) Bromoform	10.288	173	17565	3.771	ug/L	100
60) Isopropylbenzene	10.478	105	215950	4.477	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	30204	4.678	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	178926	4.404	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	180900	4.443	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	94729	4.775	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	93470	4.697	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	88643	4.785	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	6030	4.159	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	64168	4.579	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	52692	4.556	ug/L	100
71) Naphthalene	14.082	128	96599	4.211	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	45181	4.444	ug/L	100

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

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