

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053836.D
 Acq On : 24 Apr 2023 11:51
 Operator : JC/MD
 Sample : VSTD00521
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005021

Quant Time: Apr 25 04:22:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 04:21:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	147659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	138915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	76878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	44147	4.522	ug/L	0.00
7) Chloroethane-d5	1.916	69	36277	4.166	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	17569	4.299	ug/L	0.00
20) 2-Butanone-d5	4.629	46	79994	37.403	ug/L	0.00
24) Chloroform-d	5.060	84	80613	4.469	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	37813	4.156	ug/L	0.00
32) Benzene-d6	5.722	84	163127	4.315	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	48174	4.223	ug/L	0.00
41) Toluene-d8	7.893	98	150077	4.239	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	18490	4.211	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	67939	39.322	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36624	3.935	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	51496	3.980	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	57834	5.397	ug/L	100
3) Chloromethane	1.520	50	54322	5.082	ug/L	100
5) Vinyl chloride	1.604	62	64271	5.282	ug/L	100
6) Bromomethane	1.858	94	40712	5.245	ug/L	100
8) Chloroethane	1.935	64	38693	5.477	ug/L	100
9) Trichlorofluoromethane	2.141	101	92584	5.124	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	54087	5.742	ug/L	100
12) 1,1-Dichloroethene	2.581	96	47517	5.573	ug/L	100
13) Acetone	2.649	43	63222	46.751	ug/L	100
14) Carbon disulfide	2.793	76	130705	5.266	ug/L	100
15) Methyl Acetate	2.954	43	14463	4.581	ug/L	100
16) Methylene chloride	3.044	84	57724	5.100	ug/L	100
17) Methyl tert-butyl Ether	3.362	73	105388	5.197	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	47835	5.426	ug/L	100
19) 1,1-Dichloroethane	3.867	63	89015	5.479	ug/L	100
21) 2-Butanone	4.710	43	95014	45.307	ug/L	100
22) cis-1,2-Dichloroethene	4.661	96	53693	4.556	ug/L	100
23) Bromochloromethane	4.973	128	24919	5.793	ug/L	100
25) Chloroform	5.083	83	95714	5.664	ug/L	100
27) 1,2-Dichloroethane	5.790	62	54558	5.259	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	81520	5.776	ug/L	100
30) Cyclohexane	5.385	56	73873	5.065	ug/L	100
31) Carbon tetrachloride	5.520	117	73188	5.997	ug/L	100
33) Benzene	5.771	78	207551	5.445	ug/L	100
34) Trichloroethene	6.539	95	55968	5.497	ug/L	100
35) Methylcyclohexane	6.761	83	87356	5.127	ug/L	100
37) 1,2-Dichloropropane	6.787	63	51928	5.240	ug/L	100
38) Bromodichloromethane	7.102	83	63553	5.666	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	74660	5.131	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	226286	47.859	ug/L	100
42) Toluene	7.964	91	223087	5.382	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	61610	5.204	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	39533	5.563	ug/L	100
47) Tetrachloroethene	8.549	164	44684	5.864	ug/L	100
48) 2-Hexanone	8.681	43	164001	47.201	ug/L	100
49) Dibromochloromethane	8.806	129	40684	5.715	ug/L	100
50) 1,2-Dibromoethane	8.918	107	35557	5.232	ug/L	100
51) Chlorobenzene	9.443	112	143308	5.474	ug/L	100
52) Ethylbenzene	9.565	91	236553	5.265	ug/L	100
53) m,p-Xylene	9.690	106	92960	5.422	ug/L	100
54) o-Xylene	10.095	106	89097	5.466	ug/L	100
55) Styrene	10.111	104	146004	5.439	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	43673	4.981	ug/L	100
59) Bromoform	10.285	173	21756	5.376	ug/L	100
60) Isopropylbenzene	10.481	105	238278	5.112	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	30029	4.823	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	191993	5.106	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	192383	5.004	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	115508	5.518	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	112768	5.379	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	103009	5.246	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	6459	5.273	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	79885	5.446	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	64512	5.547	ug/L	100
71) Naphthalene	14.082	128	106228	4.960	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	55502	5.466	ug/L	100

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

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