

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053835.D
 Acq On : 24 Apr 2023 11:27
 Operator : JC/MD
 Sample : VSTD00120
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001020

Quant Time: Apr 25 04:22:26 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	141198	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136845	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	66754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	8860	0.949	ug/L	0.00
7) Chloroethane-d5	1.916	69	7670	0.921	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	3702	0.947	ug/L	0.00
20) 2-Butanone-d5	4.642	46	15496	7.577	ug/L	0.01
24) Chloroform-d	5.060	84	17591	1.020	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	7715	0.887	ug/L	0.00
32) Benzene-d6	5.726	84	31939	0.858	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	9836	0.875	ug/L	0.00
41) Toluene-d8	7.896	98	27987	0.802	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	3492	0.807	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	11784	6.924	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	7701	0.840	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	10334	0.920	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	9545	0.931	ug/L	98
3) Chloromethane	1.520	50	9344	0.914	ug/L	99
5) Vinyl chloride	1.604	62	10840	0.932	ug/L	93
6) Bromomethane	1.858	94	6803	0.916	ug/L	94
8) Chloroethane	1.935	64	7206	1.067	ug/L	97
9) Trichlorofluoromethane	2.141	101	16126	0.933	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	8865	0.984	ug/L	98
12) 1,1-Dichloroethene	2.581	96	7574	0.929	ug/L	96
13) Acetone	2.649	43	11873	9.182	ug/L	94
14) Carbon disulfide	2.793	76	21120	0.890	ug/L #	94
15) Methyl Acetate	2.957	43	2711	0.898	ug/L #	78
16) Methylene chloride	3.044	84	17403	1.608	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	17099	0.882	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	8215	0.974	ug/L	90
19) 1,1-Dichloroethane	3.867	63	14901	0.959	ug/L	92
21) 2-Butanone	4.716	43	14917	7.439	ug/L	75
22) cis-1,2-Dichloroethene	4.665	96	8759	0.777	ug/L	98
23) Bromochloromethane	4.970	128	4097	0.996	ug/L	87
25) Chloroform	5.086	83	15753	0.975	ug/L	96
27) 1,2-Dichloroethane	5.796	62	9173	0.925	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	13618	0.980	ug/L	99
30) Cyclohexane	5.385	56	11196	0.779	ug/L	97
31) Carbon tetrachloride	5.523	117	11834	0.984	ug/L	97
33) Benzene	5.774	78	33993	0.905	ug/L	100
34) Trichloroethene	6.542	95	9496	0.947	ug/L	98
35) Methylcyclohexane	6.758	83	13506	0.805	ug/L	96
37) 1,2-Dichloropropane	6.787	63	8599	0.881	ug/L #	92
38) Bromodichloromethane	7.102	83	11017	0.997	ug/L	94
39) cis-1,3-Dichloropropene	7.603	75	11811	0.824	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	35727	7.670	ug/L	96
42) Toluene	7.967	91	34338	0.841	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	9416	0.807	ug/L	93

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45) 1,1,2-Trichloroethane	8.394	97	6710	0.959	ug/L	97
47) Tetrachloroethene	8.549	164	7035	0.937	ug/L	94
48) 2-Hexanone	8.684	43	25018	7.309	ug/L	95
49) Dibromochloromethane	8.806	129	6568	0.937	ug/L	97
50) 1,2-Dibromoethane	8.918	107	5785	0.864	ug/L #	96
51) Chlorobenzene	9.443	112	24039	0.932	ug/L	98
52) Ethylbenzene	9.565	91	36109	0.816	ug/L	97
53) m,p-Xylene	9.690	106	13878	0.822	ug/L	96
54) o-Xylene	10.095	106	13477	0.839	ug/L	98
55) Styrene	10.111	104	20650	0.781	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	7309	0.846	ug/L	96
59) Bromoform	10.288	173	3598	1.024	ug/L #	89
60) Isopropylbenzene	10.481	105	35533	0.878	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	5088	0.941	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.086	105	27561	0.844	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	26755	0.801	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	17901	0.985	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	18136	0.996	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	17202	1.009	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	879	0.826	ug/L	93
69) 1,3,5-Trichlorobenzene	13.214	180	11959	0.939	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	10311	1.021	ug/L	97
71) Naphthalene	14.085	128	15418	0.829	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	8683	0.985	ug/L	95

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

