

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051908.D
 Acq On : 18 Nov 2022 16:23
 Operator : JC/MD
 Sample : VSTD02072
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020072

Quant Time: Nov 18 22:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 21:59:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	283316	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	281837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	150530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	558156	20.253	ug/L	0.00
7) Chloroethane-d5	1.912	69	428829	20.034	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	198172	20.061	ug/L	0.00
20) 2-Butanone-d5	4.626	46	1093417	217.469	ug/L	0.00
24) Chloroform-d	5.060	84	810904	20.026	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	394140	19.271	ug/L	0.00
32) Benzene-d6	5.726	84	1748256	20.894	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	532216	20.553	ug/L	0.00
41) Toluene-d8	7.896	98	1611333	21.285	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	206354	21.868	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	1018526	254.698	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	458096	20.404	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	572204	19.854	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	468639	19.072	ug/L	100
3) Chloromethane	1.523	50	592123	18.464	ug/L	100
5) Vinyl chloride	1.604	62	603071	19.573	ug/L	99
6) Bromomethane	1.858	94	318902	20.170	ug/L	98
8) Chloroethane	1.932	64	363115	18.952	ug/L	97
9) Trichlorofluoromethane	2.137	101	639930	18.879	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	390800	18.857	ug/L	100
12) 1,1-Dichloroethene	2.578	96	397780	19.354	ug/L	96
13) Acetone	2.642	43	645009	190.151	ug/L	100
14) Carbon disulfide	2.793	76	1378566	19.376	ug/L	99
15) Methyl Acetate	2.951	43	166492	18.923	ug/L	98
16) Methylene chloride	3.044	84	466307	16.771	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	963832	20.948	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	432271	19.621	ug/L	96
19) 1,1-Dichloroethane	3.867	63	769235	19.373	ug/L	100
21) 2-Butanone	4.706	43	1168922	215.079	ug/L	100
22) cis-1,2-Dichloroethene	4.661	96	481685	20.833	ug/L	98
23) Bromochloromethane	4.973	128	214262	19.368	ug/L	94
25) Chloroform	5.086	83	782792	19.455	ug/L	97
27) 1,2-Dichloroethane	5.790	62	475965	19.315	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	624292	19.965	ug/L	99
30) Cyclohexane	5.388	56	681687	22.452	ug/L	98
31) Carbon tetrachloride	5.523	117	528586	19.895	ug/L	100
33) Benzene	5.771	78	1854006	20.213	ug/L	100
34) Trichloroethene	6.539	95	451831	19.750	ug/L	98
35) Methylcyclohexane	6.761	83	751711	22.841	ug/L	97
37) 1,2-Dichloropropane	6.787	63	476151	20.050	ug/L	99
38) Bromodichloromethane	7.102	83	567139	19.588	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	679654	22.290	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	2780161	224.113	ug/L	98
42) Toluene	7.967	91	1996438	21.160	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	566884	21.711	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	344812	19.321	ug/L	98
47) Tetrachloroethene	8.552	164	345894	19.728	ug/L	99
48) 2-Hexanone	8.681	43	2011286	220.047	ug/L	99
49) Dibromochloromethane	8.806	129	400109	20.018	ug/L	98
50) 1,2-Dibromoethane	8.922	107	326014	20.055	ug/L	97
51) Chlorobenzene	9.443	112	1223324	20.337	ug/L	100
52) Ethylbenzene	9.568	91	2100706	22.902	ug/L	99
53) m,p-Xylene	9.690	106	831999	23.424	ug/L	96
54) o-Xylene	10.098	106	807872	23.732	ug/L	98
55) Styrene	10.111	104	1399886	24.347	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	450408	20.207	ug/L	99
59) Bromoform	10.288	173	236197	19.051	ug/L	97
60) Isopropylbenzene	10.481	105	2077265	21.970	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	312324	18.129	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	1805981	23.893	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1812384	24.156	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	959685	19.878	ug/L	99
65) 1,4-Dichlorobenzene	11.831	146	958791	19.913	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	927073	19.940	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	68167	18.081	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	706199	20.628	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	593365	22.760	ug/L	99
71) Naphthalene	14.082	128	1171223	23.929	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	568028	22.146	ug/L	99

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

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