

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051626.D
 Acq On : 31 Oct 2022 21:20
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005190

Quant Time: Nov 01 01:31:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	202973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	208001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56600	3.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.906	69	65143	4.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.562	65	20358	3.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.620	46	277606	50.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.060	84	163938	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.700	65	87772	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.726	84	283552	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.687	67	101892	4.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.896	98	224100	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.179	79	32004	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.629	63	220200	52.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	102190	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	86567	4.389	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	109957	4.954	ug/L	98
3) Chloromethane	1.523	50	135823	4.854	ug/L	98
5) Vinyl chloride	1.600	62	135543	5.057	ug/L #	74
6) Bromomethane	1.848	94	51839	4.079	ug/L	99
8) Chloroethane	1.928	64	84216	5.174	ug/L	96
9) Trichlorofluoromethane	2.134	101	148134	5.034	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	87657	5.067	ug/L	97
12) 1,1-Dichloroethene	2.578	96	87810	4.976	ug/L	94
13) Acetone	2.623	43	143217	50.985	ug/L	99
14) Carbon disulfide	2.790	76	296393	5.211	ug/L	99
15) Methyl Acetate	2.948	43	38762	5.271	ug/L	94
16) Methylene chloride	3.041	84	149541	5.174	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	214301	5.296	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	101186	5.343	ug/L	100
19) 1,1-Dichloroethane	3.867	63	192396	5.508	ug/L	98
21) 2-Butanone	4.700	43	242366	55.096	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	116912	5.579	ug/L	99
23) Bromochloromethane	4.973	128	52594	5.368	ug/L	95
25) Chloroform	5.086	83	197414	5.448	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	119041	5.338	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	148552	5.260	ug/L	100
30) Cyclohexane	5.385	56	128728	4.950	ug/L	99
31) Carbon tetrachloride	5.520	117	125736	5.206	ug/L	98
33) Benzene	5.771	78	437770	5.333	ug/L	100
34) Trichloroethene	6.539	95	108959	5.500	ug/L	99
35) Methylcyclohexane	6.761	83	129329	4.722	ug/L	98
37) 1,2-Dichloropropane	6.790	63	114663	5.431	ug/L	100
38) Bromodichloromethane	7.105	83	139479	5.409	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	139329	5.144	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	597902	56.462	ug/L	99
42) Toluene	7.967	91	461948	5.480	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	119997	5.301	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	84305	5.449	ug/L	99
47) Tetrachloroethene	8.552	164	77576	5.113	ug/L	95
48) 2-Hexanone	8.681	43	447481	57.089	ug/L	100
49) Dibromochloromethane	8.806	129	94243	5.332	ug/L	100
50) 1,2-Dibromoethane	8.922	107	76020	5.446	ug/L	92
51) Chlorobenzene	9.446	112	284436	5.361	ug/L	98
52) Ethylbenzene	9.568	91	429905	5.285	ug/L	99
53) m,p-Xylene	9.693	106	168959	5.348	ug/L	95
54) o-Xylene	10.099	106	167531	5.426	ug/L	98
55) Styrene	10.111	104	297189	5.757	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	106557	5.555	ug/L	98
59) Bromoform	10.288	173	52762	5.314	ug/L	99
60) Isopropylbenzene	10.481	105	414656	5.286	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	73757	5.308	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	106512	5.043	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	313711	5.152	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	209099	5.354	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	205462	5.247	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	200930	5.282	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15736	5.499	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	141530	5.084	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	108772	5.090	ug/L	97
71) Naphthalene	14.082	128	198497	4.976	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	110976	5.142	ug/L	98

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

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