

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049054.D
 Acq On : 11 Jun 2022 14:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005108

Quant Time: Jun 13 01:28:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:18:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	159637	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	154412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30469	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.912	69	36801	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.568	65	15567	4.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.636	46	217219	61.791	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.580%
24) Chloroform-d	5.063	84	116326	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.703	65	66880	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.729	84	207187	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.690	67	75825	5.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.899	98	176916	5.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.179	79	25661	5.406	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.200%
46) 2-Hexanone-d5	8.636	63	167823	64.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.080%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	68546	5.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	78775	5.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	67860	3.764	ug/L	97
3) Chloromethane	1.520	50	74265	4.793	ug/L	99
5) Vinyl chloride	1.604	62	64902	4.539	ug/L	98
6) Bromomethane	1.858	94	40578	4.918	ug/L	95
8) Chloroethane	1.935	64	36773	4.811	ug/L	98
9) Trichlorofluoromethane	2.137	101	79349	4.139	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	41777	4.119	ug/L	98
12) 1,1-Dichloroethene	2.581	96	44310	4.487	ug/L	92
13) Acetone	2.649	43	103073	56.646	ug/L	99
14) Carbon disulfide	2.793	76	157415	4.631	ug/L	99
15) Methyl Acetate	2.957	43	25114	5.355	ug/L	100
16) Methylene chloride	3.047	84	58244	4.798	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	142104	5.363	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	53142	4.936	ug/L	96
19) 1,1-Dichloroethane	3.871	63	101961	4.942	ug/L	98
21) 2-Butanone	4.713	43	185402	58.354	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	61321	4.812	ug/L	95
23) Bromochloromethane	4.977	128	29113	5.277	ug/L	97
25) Chloroform	5.089	83	110147	5.047	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	75921	5.205	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	93219	4.719	ug/L	99
30) Cyclohexane	5.391	56	70829	4.119	ug/L	96
31) Carbon tetrachloride	5.526	117	79771	4.549	ug/L	100
33) Benzene	5.774	78	235545	5.091	ug/L	100
34) Trichloroethene	6.542	95	61752	5.166	ug/L	96
35) Methylcyclohexane	6.764	83	75519	4.174	ug/L	99
37) 1,2-Dichloropropane	6.790	63	64015	5.289	ug/L	99
38) Bromodichloromethane	7.105	83	80859	4.985	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	91183	5.502	ug/L	94
40) 4-Methyl-2-pentanone	7.793	43	445358	57.809	ug/L	99
42) Toluene	7.970	91	249190	5.302	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	83795	5.622	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	48154	5.602	ug/L	96
47) Tetrachloroethene	8.552	164	46081	4.850	ug/L	97
48) 2-Hexanone	8.684	43	350957	61.332	ug/L	99
49) Dibromochloromethane	8.809	129	59107	5.399	ug/L	98
50) 1,2-Dibromoethane	8.922	107	48103	5.685	ug/L	97
51) Chlorobenzene	9.446	112	161776	5.226	ug/L	100
52) Ethylbenzene	9.571	91	251747	5.217	ug/L	99
53) m,p-Xylene	9.693	106	103304	5.243	ug/L	98
54) o-Xylene	10.099	106	102461	5.410	ug/L	97
55) Styrene	10.115	104	178407	5.635	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	62858	5.630	ug/L	98
59) Bromoform	10.291	173	35717	5.386	ug/L	97
60) Isopropylbenzene	10.484	105	255900	5.144	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	45659	5.236	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	219980	5.282	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	225746	5.429	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	133384	5.386	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	133411	5.538	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	125786	5.271	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	11569	5.589	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	98684	5.327	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	84264	5.763	ug/L	99
71) Naphthalene	14.086	128	168977	5.917	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	83163	5.969	ug/L	97

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

