

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049110.D
 Acq On : 14 Jun 2022 13:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005110

Quant Time: Jun 15 03:10:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:02:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	148965	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	134801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62835	4.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.912	69	42755	4.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.568	65	24877	4.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.633	46	190614	54.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.700%
24) Chloroform-d	5.067	84	102380	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.703	65	56093	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.726	84	200015	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.690	67	67670	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.896	98	182706	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.179	79	29998	4.899	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.632	63	130899	52.994	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58141	5.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	66318	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	69052	5.430	ug/L	100
3) Chloromethane	1.520	50	70899	5.078	ug/L	100
5) Vinyl chloride	1.604	62	66629	5.320	ug/L	99
6) Bromomethane	1.858	94	35914	5.212	ug/L	94
8) Chloroethane	1.935	64	36558	5.043	ug/L	98
9) Trichlorofluoromethane	2.138	101	79151	5.446	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	45545	5.293	ug/L	98
12) 1,1-Dichloroethene	2.581	96	43832	5.233	ug/L	93
13) Acetone	2.646	43	101011	58.724	ug/L	100
14) Carbon disulfide	2.793	76	146706	5.302	ug/L	100
15) Methyl Acetate	2.957	43	25767	5.601	ug/L	99
16) Methylene chloride	3.044	84	52071	4.725	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	137955	5.445	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	48927	5.272	ug/L	98
19) 1,1-Dichloroethane	3.871	63	95441	5.216	ug/L	96
21) 2-Butanone	4.713	43	186314	56.805	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	52771	5.084	ug/L	97
23) Bromochloromethane	4.977	128	23144	5.209	ug/L	96
25) Chloroform	5.089	83	95118	5.179	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	64248	5.311	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	84241	5.229	ug/L	100
30) Cyclohexane	5.388	56	96637	5.278	ug/L	98
31) Carbon tetrachloride	5.526	117	72612	5.383	ug/L	100
33) Benzene	5.774	78	216238	5.391	ug/L	100
34) Trichloroethene	6.543	95	54626	5.328	ug/L	99
35) Methylcyclohexane	6.761	83	94634	5.503	ug/L	99
37) 1,2-Dichloropropane	6.790	63	57018	5.173	ug/L	99
38) Bromodichloromethane	7.105	83	72581	5.388	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	88475	5.281	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	459017	56.057	ug/L	99
42) Toluene	7.970	91	228457	5.371	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	77121	5.300	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	41030	5.340	ug/L	93
47) Tetrachloroethene	8.552	164	38423	5.434	ug/L	97
48) 2-Hexanone	8.684	43	343239	58.728	ug/L	99
49) Dibromochloromethane	8.809	129	47511	5.420	ug/L	99
50) 1,2-Dibromoethane	8.922	107	38416	5.394	ug/L #	100
51) Chlorobenzene	9.446	112	140373	5.420	ug/L	98
52) Ethylbenzene	9.568	91	248462	5.348	ug/L	100
53) m,p-Xylene	9.694	106	92510	5.359	ug/L	99
54) o-Xylene	10.099	106	90688	5.298	ug/L	94
55) Styrene	10.115	104	155312	5.418	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	55119	5.421	ug/L	97
59) Bromoform	10.292	173	27628	5.463	ug/L	100
60) Isopropylbenzene	10.484	105	246269	5.370	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	40506	5.362	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	217397	5.370	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	215539	5.374	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	105586	5.379	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	104114	5.367	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	101533	5.436	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	11256	5.467	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	81381	5.529	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	72178	6.169	ug/L	99
71) Naphthalene	14.086	128	167798	7.217	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	67945	6.176	ug/L	99

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

