

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049394.D
 Acq On : 24 Jun 2022 17:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

Quant Time: Jun 25 00:18:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	119613	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	121338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	38964	3.728	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.912	69	31991	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.565	65	16794	3.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.639	46	133647	47.891	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	5.063	84	84680	5.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.700	65	47747	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.726	84	158614	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.687	67	57726	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	143562	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	21721	3.941	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.639	63	106076	47.710	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46812	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	56925	4.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	43318	4.242	ug/L	100
3) Chloromethane	1.520	50	64557	5.759	ug/L	99
5) Vinyl chloride	1.600	62	49195	4.892	ug/L	97
6) Bromomethane	1.854	94	19666	3.554	ug/L	97
8) Chloroethane	1.932	64	29388	5.049	ug/L	99
9) Trichlorofluoromethane	2.137	101	60186	5.158	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	33924	4.910	ug/L	99
12) 1,1-Dichloroethene	2.578	96	33854	5.033	ug/L	94
13) Acetone	2.652	43	63645	46.081	ug/L	93
14) Carbon disulfide	2.790	76	101496	4.569	ug/L	99
15) Methyl Acetate	2.961	43	23369	6.326	ug/L	93
16) Methylene chloride	3.044	84	58701	6.634	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	105371	5.180	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	39244	5.266	ug/L	97
19) 1,1-Dichloroethane	3.870	63	82670	5.626	ug/L	99
21) 2-Butanone	4.719	43	117792	44.726	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	46908	5.628	ug/L	97
23) Bromochloromethane	4.973	128	17128	4.801	ug/L	86
25) Chloroform	5.089	83	79944	5.421	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	56120	5.777	ug/L #	92
29) 1,1,1-Trichloroethane	5.314	97	68566	4.729	ug/L	98
30) Cyclohexane	5.385	56	56378	3.421	ug/L	99
31) Carbon tetrachloride	5.520	117	54226	4.466	ug/L	98
33) Benzene	5.771	78	159637	4.421	ug/L	100
34) Trichloroethene	6.536	95	42451	4.600	ug/L	94
35) Methylcyclohexane	6.755	83	57171	3.694	ug/L	98
37) 1,2-Dichloropropane	6.787	63	50564	5.097	ug/L	99
38) Bromodichloromethane	7.105	83	61547	5.075	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	68841	4.565	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	340593	46.210	ug/L	98
42) Toluene	7.967	91	182734	4.773	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	57003	4.352	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	33153	4.794	ug/L	98
47) Tetrachloroethene	8.552	164	29652	4.659	ug/L	92
48) 2-Hexanone	8.690	43	238241	45.286	ug/L	99
49) Dibromochloromethane	8.812	129	39673	5.028	ug/L	99
50) 1,2-Dibromoethane	8.925	107	31459	4.907	ug/L	99
51) Chlorobenzene	9.446	112	113169	4.854	ug/L	99
52) Ethylbenzene	9.571	91	190157	4.547	ug/L	100
53) m,p-Xylene	9.693	106	71455	4.598	ug/L	99
54) o-Xylene	10.099	106	71317	4.629	ug/L	96
55) Styrene	10.115	104	122752	4.757	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	44402	4.851	ug/L	100
59) Bromoform	10.291	173	21244	4.332	ug/L	99
60) Isopropylbenzene	10.484	105	183031	4.115	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	31198	4.259	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	158549	4.039	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	157397	4.047	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	90024	4.730	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	91391	4.858	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	88674	4.896	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	7071	3.542	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.217	180	67073	4.699	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	57226	5.044	ug/L	99
71) Naphthalene	14.085	128	99694	4.422	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	52947	4.963	ug/L	97

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

