

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061722\
 Data File : U049236.D
 Acq On : 17 Jun 2022 10:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005119

Quant Time: Jun 18 04:06:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	123720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53771	4.589	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.912	69	37167	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.568	65	20869	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.636	46	143558	45.889	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.780%
24) Chloroform-d	5.067	84	87720	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.703	65	46362	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.729	84	174983	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.694	67	58742	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.899	98	158582	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.182	79	23003	4.093	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.636	63	101983	44.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45174	4.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	58307	4.754	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56975	4.977	ug/L	100
3) Chloromethane	1.520	50	56772	4.518	ug/L	100
5) Vinyl chloride	1.604	62	56668	5.027	ug/L	89
6) Bromomethane	1.858	94	25016	4.033	ug/L	100
8) Chloroethane	1.935	64	32413	4.967	ug/L	92
9) Trichlorofluoromethane	2.138	101	70003	5.351	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	39327	5.078	ug/L	97
12) 1,1-Dichloroethene	2.578	96	36670	4.864	ug/L	87
13) Acetone	2.649	43	80048	51.700	ug/L	99
14) Carbon disulfide	2.793	76	124388	4.995	ug/L	98
15) Methyl Acetate	2.957	43	20378	4.921	ug/L	96
16) Methylene chloride	3.047	84	44020	4.438	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	105716	4.636	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	40894	4.895	ug/L	97
19) 1,1-Dichloroethane	3.871	63	81358	4.939	ug/L	100
21) 2-Butanone	4.716	43	146053	49.470	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	45898	4.913	ug/L	97
23) Bromochloromethane	4.977	128	20295	5.075	ug/L	93
25) Chloroform	5.092	83	82981	5.019	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	51791	4.756	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	71571	4.841	ug/L	99
30) Cyclohexane	5.388	56	77795	4.629	ug/L	98
31) Carbon tetrachloride	5.526	117	59871	4.836	ug/L	99
33) Benzene	5.774	78	183488	4.984	ug/L	100
34) Trichloroethene	6.542	95	47618	5.060	ug/L	97
35) Methylcyclohexane	6.764	83	77490	4.910	ug/L	100
37) 1,2-Dichloropropane	6.793	63	50081	4.951	ug/L	100
38) Bromodichloromethane	7.108	83	59999	4.852	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	71764	4.667	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	346315	46.081	ug/L	99
42) Toluene	7.970	91	194051	4.971	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	58805	4.403	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	33343	4.728	ug/L	97
47) Tetrachloroethene	8.555	164	33784	5.206	ug/L	99
48) 2-Hexanone	8.687	43	246193	45.896	ug/L	99
49) Dibromochloromethane	8.809	129	38277	4.758	ug/L	99
50) 1,2-Dibromoethane	8.925	107	31797	4.864	ug/L	97
51) Chlorobenzene	9.449	112	119023	5.007	ug/L	99
52) Ethylbenzene	9.571	91	209001	4.902	ug/L	99
53) m,p-Xylene	9.693	106	79739	5.033	ug/L	99
54) o-Xylene	10.102	106	76927	4.897	ug/L	100
55) Styrene	10.115	104	130441	4.958	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	44097	4.725	ug/L	99
59) Bromoform	10.292	173	21141	4.403	ug/L	96
60) Isopropylbenzene	10.484	105	205120	4.711	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	31862	4.443	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	179481	4.670	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	175030	4.597	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	92894	4.985	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	90227	4.899	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	86238	4.864	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	7264	3.716	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	72834	5.212	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	61123	5.503	ug/L	100
71) Naphthalene	14.086	128	113534	5.143	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55806	5.343	ug/L	99

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

