

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061722\
 Data File : U049252.D
 Acq On : 17 Jun 2022 18:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005120

Quant Time: Jun 18 04:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135983	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	124962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44521	3.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.912	69	32369	4.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.565	65	18012	3.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.633	46	154964	48.845	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.680%
24) Chloroform-d	5.067	84	82981	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.706	65	46281	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.729	84	154376	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.694	67	54528	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.899	98	133647	3.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.182	79	21080	3.714	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.636	63	115182	50.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46017	4.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	53056	4.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56554	4.872	ug/L	97
3) Chloromethane	1.520	50	57064	4.478	ug/L	99
5) Vinyl chloride	1.601	62	56454	4.938	ug/L	# 73
6) Bromomethane	1.855	94	22201	3.529	ug/L	98
8) Chloroethane	1.932	64	32998	4.987	ug/L	97
9) Trichlorofluoromethane	2.137	101	69111	5.209	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	40983	5.218	ug/L	99
12) 1,1-Dichloroethene	2.578	96	37240	4.870	ug/L	95
13) Acetone	2.646	43	86632	55.173	ug/L	100
14) Carbon disulfide	2.790	76	121069	4.794	ug/L	100
15) Methyl Acetate	2.957	43	22561	5.372	ug/L	96
16) Methylene chloride	3.044	84	50450	5.015	ug/L	95
17) Methyl tert-butyl Ether	3.366	73	109175	4.721	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	41429	4.890	ug/L	93
19) 1,1-Dichloroethane	3.871	63	85258	5.104	ug/L	97
21) 2-Butanone	4.713	43	152029	50.777	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	47581	5.022	ug/L	93
23) Bromochloromethane	4.977	128	20170	4.973	ug/L	94
25) Chloroform	5.089	83	82347	4.911	ug/L	99

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 ClientSampleId :
 VSTD005120

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	54297	4.917	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	72091	4.828	ug/L	99
30) Cyclohexane	5.388	56	78481	4.624	ug/L	97
31) Carbon tetrachloride	5.526	117	60007	4.799	ug/L	99
33) Benzene	5.777	78	184539	4.963	ug/L	100
34) Trichloroethene	6.542	95	48197	5.071	ug/L	98
35) Methylcyclohexane	6.764	83	77059	4.834	ug/L	98
37) 1,2-Dichloropropane	6.793	63	51317	5.023	ug/L	99
38) Bromodichloromethane	7.108	83	61760	4.945	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	71800	4.623	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	369038	48.617	ug/L	99
42) Toluene	7.970	91	192877	4.892	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	60079	4.454	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	34690	4.871	ug/L	96
47) Tetrachloroethene	8.555	164	34144	5.209	ug/L	99
48) 2-Hexanone	8.687	43	266400	49.170	ug/L	98
49) Dibromochloromethane	8.812	129	39295	4.836	ug/L	98
50) 1,2-Dibromoethane	8.925	107	32382	4.904	ug/L	100
51) Chlorobenzene	9.449	112	118189	4.923	ug/L	98
52) Ethylbenzene	9.571	91	208681	4.846	ug/L	100
53) m,p-Xylene	9.693	106	78813	4.925	ug/L	99
54) o-Xylene	10.102	106	76436	4.817	ug/L	99
55) Styrene	10.115	104	127959	4.815	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	45289	4.805	ug/L	98
59) Bromoform	10.291	173	22268	4.557	ug/L	98
60) Isopropylbenzene	10.484	105	205760	4.643	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	33314	4.564	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	177262	4.532	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	176400	4.552	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	92717	4.889	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	90382	4.822	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	87284	4.837	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	8049	4.046	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.221	180	71721	5.043	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	61402	5.431	ug/L	98
71) Naphthalene	14.089	128	116694	5.194	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55937	5.262	ug/L	100

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

