

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031722\
 Data File : VU047601.D
 Acq On : 17 Mar 2022 10:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005106

Quant Time: Mar 18 01:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 00:50:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	132894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	132411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59579	6.855	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	137.200%#
7) Chloroethane-d5	1.919	69	43279	5.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.572	65	23634	5.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.000%
20) 2-Butanone-d5	4.645	46	122527	48.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.000%
24) Chloroform-d	5.070	84	94722	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.706	65	50632	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.732	84	189750	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.694	67	57946	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.903	98	186134	5.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.182	79	26281	5.157	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.639	63	121487	45.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55505	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	77241	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41754	5.107	ug/L	100
3) Chloromethane	1.523	50	39910	4.977	ug/L	100
5) Vinyl chloride	1.607	62	41799	5.055	ug/L	99
6) Bromomethane	1.864	94	20565	5.286	ug/L	96
8) Chloroethane	1.938	64	25713	5.145	ug/L	96
9) Trichlorofluoromethane	2.144	101	62045	5.723	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37816	5.525	ug/L	98
12) 1,1-Dichloroethene	2.584	96	34938	5.277	ug/L	95
13) Acetone	2.658	43	54872	56.276	ug/L	91
14) Carbon disulfide	2.800	76	95393	4.789	ug/L	100
15) Methyl Acetate	2.964	43	14641	5.439	ug/L	94
16) Methylene chloride	3.051	84	40567	4.154	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	85427	5.029	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	36003	5.059	ug/L	97
19) 1,1-Dichloroethane	3.877	63	64742	5.171	ug/L	99
21) 2-Butanone	4.726	43	97731	52.682	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	40583	5.139	ug/L	96
23) Bromochloromethane	4.980	128	20347	5.078	ug/L	91
25) Chloroform	5.092	83	71376	5.186	ug/L	99

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 VSTD005106

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	44710	5.079	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	60713	5.156	ug/L	100
30) Cyclohexane	5.395	56	48852	4.804	ug/L	99
31) Carbon tetrachloride	5.530	117	54402	5.252	ug/L	100
33) Benzene	5.777	78	152717	5.105	ug/L	100
34) Trichloroethene	6.546	95	40221	5.073	ug/L	96
35) Methylcyclohexane	6.768	83	57324	5.024	ug/L	99
37) 1,2-Dichloropropane	6.793	63	38172	4.979	ug/L	99
38) Bromodichloromethane	7.108	83	53823	5.098	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	58647	4.922	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	253228	47.383	ug/L	99
42) Toluene	7.973	91	171818	5.297	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	53725	5.055	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	33863	5.152	ug/L	95
47) Tetrachloroethene	8.555	164	34884	5.159	ug/L	98
48) 2-Hexanone	8.690	43	192551	47.341	ug/L	99
49) Dibromochloromethane	8.812	129	42337	5.229	ug/L	99
50) 1,2-Dibromoethane	8.928	107	32669	5.026	ug/L	95
51) Chlorobenzene	9.449	112	113425	5.120	ug/L	99
52) Ethylbenzene	9.571	91	172744	5.029	ug/L	99
53) m,p-Xylene	9.697	106	67598	5.090	ug/L	99
54) o-Xylene	10.102	106	65819	5.017	ug/L	97
55) Styrene	10.115	104	115556	5.128	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	44022	4.996	ug/L	99
59) Bromoform	10.295	173	27916	5.312	ug/L	98
60) Isopropylbenzene	10.484	105	173086	5.143	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	30079	4.814	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	107229	4.991	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	141948	5.089	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	97780	5.210	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	98656	5.146	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	94444	5.089	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7594	5.066	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	81348	5.127	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	68456	4.905	ug/L	99
71) Naphthalene	14.089	128	111734	4.313	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	64290	4.800	ug/L	99

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

