

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047379.D
 Acq On : 07 Mar 2022 19:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

Quant Time: Mar 08 03:04:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	185985	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	177095	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55872	4.233	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.919	69	52171	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.572	65	24368	4.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.642	46	184729	42.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.260%
24) Chloroform-d	5.067	84	125742	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.707	65	68639	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.729	84	243373	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.694	67	78807	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.899	98	222606	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.179	79	33109	4.850	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.636	63	188528	48.526	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	77341	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	98558	5.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	69561	5.932	ug/L	99
3) Chloromethane	1.523	50	72541	5.594	ug/L	97
5) Vinyl chloride	1.607	62	69975	5.674	ug/L	100
6) Bromomethane	1.861	94	38356	5.743	ug/L	97
8) Chloroethane	1.938	64	41398	5.804	ug/L	100
9) Trichlorofluoromethane	2.144	101	92321	6.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	53926	6.026	ug/L	92
12) 1,1-Dichloroethene	2.584	96	54143	5.939	ug/L	79
13) Acetone	2.658	43	72507	41.449	ug/L	99
14) Carbon disulfide	2.800	76	166697	5.673	ug/L	100
15) Methyl Acetate	2.964	43	23457	5.853	ug/L	98
16) Methylene chloride	3.051	84	61587	5.803	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	134776	5.521	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	57150	5.772	ug/L	91
19) 1,1-Dichloroethane	3.877	63	97302	5.903	ug/L	99
21) 2-Butanone	4.723	43	136233	40.968	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	62877	5.834	ug/L	93
23) Bromochloromethane	4.980	128	30766	5.716	ug/L	# 84
25) Chloroform	5.092	83	103381	5.732	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	66702	5.491	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	90062	6.056	ug/L	98
30) Cyclohexane	5.391	56	86278	5.929	ug/L	96
31) Carbon tetrachloride	5.530	117	77364	6.025	ug/L	99
33) Benzene	5.777	78	236397	5.915	ug/L	100
34) Trichloroethene	6.546	95	62563	5.956	ug/L	93
35) Methylcyclohexane	6.768	83	95043	5.900	ug/L	94
37) 1,2-Dichloropropane	6.793	63	57253	5.776	ug/L	99
38) Bromodichloromethane	7.108	83	76022	5.844	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	86744	5.512	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	383641	51.314	ug/L	97
42) Toluene	7.970	91	259286	5.985	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	76632	5.495	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	47713	5.567	ug/L	99
47) Tetrachloroethene	8.555	164	53157	5.940	ug/L	92
48) 2-Hexanone	8.687	43	284282	50.980	ug/L	98
49) Dibromochloromethane	8.813	129	56611	5.612	ug/L	98
50) 1,2-Dibromoethane	8.925	107	47682	5.446	ug/L #	96
51) Chlorobenzene	9.449	112	170326	5.839	ug/L	95
52) Ethylbenzene	9.571	91	277060	5.979	ug/L	99
53) m,p-Xylene	9.694	106	108433	5.888	ug/L	99
54) o-Xylene	10.102	106	104694	5.895	ug/L	97
55) Styrene	10.115	104	179471	5.960	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.784	83	60683	5.115	ug/L	97
59) Bromoform	10.292	173	35228	5.553	ug/L #	97
60) Isopropylbenzene	10.484	105	277764	6.296	ug/L	98
61) 1,2,3-Trichloropropane	10.822	75	43678	5.350	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	182148	6.187	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	236785	6.174	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	142902	6.054	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	144469	5.974	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	138073	5.916	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	10049	5.387	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	120145	6.105	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	105611	5.905	ug/L	98
71) Naphthalene	14.086	128	183438	5.145	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	97877	5.879	ug/L	97

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

