

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030222\
 Data File : VU047285.D
 Acq On : 02 Mar 2022 09:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

Quant Time: Mar 02 23:52:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 01 00:43:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147503	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	150214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	54187	4.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.919	69	42440	4.299	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.572	65	22155	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.649	46	149478	50.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.400%
24) Chloroform-d	5.067	84	94344	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.707	65	51159	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.732	84	187408	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.694	67	57658	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.899	98	177791	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.182	79	27312	4.511	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.636	63	138672	43.502	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.000%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57185	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	75577	4.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	62046	4.974	ug/L	99
3) Chloromethane	1.523	50	69143	5.111	ug/L	99
5) Vinyl chloride	1.607	62	66536	4.868	ug/L	99
6) Bromomethane	1.861	94	34341	4.275	ug/L	98
8) Chloroethane	1.938	64	40303	5.113	ug/L	99
9) Trichlorofluoromethane	2.144	101	90113	5.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	54557	5.429	ug/L	94
12) 1,1-Dichloroethene	2.588	96	50580	5.211	ug/L #	72
13) Acetone	2.662	43	88081	59.089	ug/L	95
14) Carbon disulfide	2.800	76	147677	4.561	ug/L	100
15) Methyl Acetate	2.964	43	22485	4.873	ug/L	92
16) Methylene chloride	3.051	84	57787	5.344	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	139940	5.276	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	54014	5.149	ug/L	94
19) 1,1-Dichloroethane	3.877	63	97559	5.320	ug/L	99
21) 2-Butanone	4.726	43	174604	62.371	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	61092	5.351	ug/L	96
23) Bromochloromethane	4.980	128	30092	5.622	ug/L	87
25) Chloroform	5.092	83	102179	5.322	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	69566	5.420	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	88479	5.439	ug/L	98
30) Cyclohexane	5.395	56	85321	4.806	ug/L	96
31) Carbon tetrachloride	5.530	117	77254	5.455	ug/L	99
33) Benzene	5.777	78	225756	5.289	ug/L	100
34) Trichloroethene	6.546	95	60645	5.327	ug/L	93
35) Methylcyclohexane	6.768	83	97203	5.059	ug/L	96
37) 1,2-Dichloropropane	6.793	63	58287	5.283	ug/L	100
38) Bromodichloromethane	7.108	83	76970	5.461	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	92278	5.378	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	419684	53.310	ug/L	97
42) Toluene	7.970	91	249032	5.242	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	83291	5.389	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	48532	5.665	ug/L	97
47) Tetrachloroethene	8.555	164	51282	5.551	ug/L	91
48) 2-Hexanone	8.687	43	310408	53.032	ug/L	98
49) Dibromochloromethane	8.813	129	58280	5.647	ug/L	99
50) 1,2-Dibromoethane	8.925	107	49566	5.736	ug/L #	99
51) Chlorobenzene	9.449	112	164703	5.370	ug/L	96
52) Ethylbenzene	9.571	91	272936	5.242	ug/L	99
53) m,p-Xylene	9.697	106	107532	5.260	ug/L	99
54) o-Xylene	10.102	106	103451	5.196	ug/L	98
55) Styrene	10.115	104	177995	5.344	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	65146	5.745	ug/L	97
59) Bromoform	10.292	173	38698	5.667	ug/L #	96
60) Isopropylbenzene	10.485	105	274990	4.999	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	46811	5.228	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	183494	4.995	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	239336	5.061	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	140136	5.282	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	143994	5.364	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	137659	5.447	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	11322	5.474	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.221	180	121948	5.563	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	109308	5.357	ug/L	98
71) Naphthalene	14.086	128	208847	4.959	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	101847	5.306	ug/L	97

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

