

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031722\
 Data File : VU047606.D
 Acq On : 17 Mar 2022 14:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005107

Quant Time: Mar 18 01:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 01:27:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	126308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	125752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	53759	6.508	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 130.200%#		
7) Chloroethane-d5	1.919	69	40659	5.423	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.400%		
11) 1,1-Dichloroethene-d2	2.572	65	21280	5.493	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.800%		
20) 2-Butanone-d5	4.642	46	97933	41.204	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 82.400%		
24) Chloroform-d	5.070	84	89118	4.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	5.706	65	46610	4.742	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.800%		
32) Benzene-d6	5.732	84	176805	4.830	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.600%		
36) 1,2-Dichloropropane-d6	6.694	67	53229	4.624	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 92.400%		
41) Toluene-d8	7.899	98	173264	5.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.000%		
43) trans-1,3-Dichloroprop...	8.182	79	24048	4.969	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.400%		
46) 2-Hexanone-d5	8.639	63	109574	43.676	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 87.360%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49475	4.304	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 86.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	72033	4.854	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 97.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	41245	5.307	ug/L	98
3) Chloromethane	1.523	50	37221	4.884	ug/L	98
5) Vinyl chloride	1.607	62	40070	5.098	ug/L	100
6) Bromomethane	1.861	94	19838	5.365	ug/L	99
8) Chloroethane	1.938	64	25076	5.279	ug/L	98
9) Trichlorofluoromethane	2.144	101	59244	5.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36393	5.595	ug/L	98
12) 1,1-Dichloroethene	2.584	96	32612	5.183	ug/L	96
13) Acetone	2.652	43	42268	45.610	ug/L	93
14) Carbon disulfide	2.800	76	90002	4.754	ug/L	100
15) Methyl Acetate	2.967	43	10748	4.201	ug/L	90
16) Methylene chloride	3.051	84	39462	4.251	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	79441	4.920	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	33789	4.995	ug/L	96
19) 1,1-Dichloroethane	3.877	63	60892	5.117	ug/L	99
21) 2-Butanone	4.723	43	82821	46.973	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	38948	5.190	ug/L	94
23) Bromochloromethane	4.980	128	19588	5.143	ug/L	96
25) Chloroform	5.092	83	67663	5.172	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	43293	5.174	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	57914	5.179	ug/L	99
30) Cyclohexane	5.395	56	45592	4.721	ug/L	100
31) Carbon tetrachloride	5.530	117	51748	5.261	ug/L	100
33) Benzene	5.777	78	143386	5.047	ug/L	100
34) Trichloroethene	6.546	95	38402	5.100	ug/L	98
35) Methylcyclohexane	6.768	83	53559	4.943	ug/L	99
37) 1,2-Dichloropropane	6.793	63	37374	5.133	ug/L	100
38) Bromodichloromethane	7.108	83	51872	5.174	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	54325	4.801	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	230691	45.452	ug/L	100
42) Toluene	7.970	91	162877	5.288	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	50345	4.988	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	31717	5.081	ug/L	99
47) Tetrachloroethene	8.555	164	33919	5.282	ug/L	98
48) 2-Hexanone	8.687	43	174073	45.064	ug/L	98
49) Dibromochloromethane	8.812	129	39657	5.157	ug/L	97
50) 1,2-Dibromoethane	8.925	107	31012	5.024	ug/L	99
51) Chlorobenzene	9.449	112	106973	5.085	ug/L	99
52) Ethylbenzene	9.571	91	156918	4.810	ug/L	99
53) m,p-Xylene	9.697	106	61274	4.858	ug/L	95
54) o-Xylene	10.102	106	59555	4.779	ug/L	98
55) Styrene	10.115	104	105510	4.930	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	40227	4.807	ug/L	95
59) Bromoform	10.291	173	24940	4.978	ug/L	99
60) Isopropylbenzene	10.484	105	156049	4.864	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28016	4.703	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	100029	4.883	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	130507	4.908	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	91032	5.087	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	92049	5.036	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	88542	5.005	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6512	4.557	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	75696	5.004	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	62989	4.734	ug/L	99
71) Naphthalene	14.089	128	95083	3.850	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	59374	4.650	ug/L	98

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

