

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047563.D
 Acq On : 15 Mar 2022 02:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005101

Quant Time: Mar 15 06:18:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	134573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	75853	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41452	4.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.919	69	39217	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.572	65	18641	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.639	46	153267	60.185	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.360%
24) Chloroform-d	5.067	84	96867	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.707	65	52935	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.729	84	184571	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.694	67	59916	4.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.900	98	168104	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.183	79	24167	4.666	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.636	63	138326	51.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	60832	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	72872	4.597	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	46079	5.534	ug/L	98
3) Chloromethane	1.524	50	40769	4.992	ug/L	97
5) Vinyl chloride	1.607	62	44708	5.309	ug/L	99
6) Bromomethane	1.861	94	16486	4.161	ug/L	94
8) Chloroethane	1.939	64	28571	5.614	ug/L	99
9) Trichlorofluoromethane	2.144	101	61873	5.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	39306	5.639	ug/L	99
12) 1,1-Dichloroethene	2.585	96	36497	5.413	ug/L	92
13) Acetone	2.659	43	64748	65.208	ug/L	95
14) Carbon disulfide	2.800	76	105695	5.211	ug/L	98
15) Methyl Acetate	2.964	43	14176	5.172	ug/L	94
16) Methylene chloride	3.051	84	47687	4.795	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	92902	5.370	ug/L	99
18) trans-1,2-Dichloroethene	3.360	96	38808	5.355	ug/L	97
19) 1,1-Dichloroethane	3.877	63	69747	5.471	ug/L	98
21) 2-Butanone	4.723	43	110295	58.383	ug/L	99
22) cis-1,2-Dichloroethene	4.672	96	43620	5.424	ug/L	99
23) Bromochloromethane	4.980	128	22356	5.479	ug/L	96
25) Chloroform	5.093	83	74792	5.336	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	48414	5.400	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	64665	5.403	ug/L	100
30) Cyclohexane	5.392	56	55372	5.358	ug/L	98
31) Carbon tetrachloride	5.527	117	56644	5.381	ug/L	99
33) Benzene	5.778	78	162217	5.335	ug/L	100
34) Trichloroethene	6.546	95	42800	5.312	ug/L	97
35) Methylcyclohexane	6.765	83	61627	5.314	ug/L	99
37) 1,2-Dichloropropane	6.794	63	42227	5.419	ug/L	100
38) Bromodichloromethane	7.109	83	56564	5.272	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	60500	4.996	ug/L	98
40) 4-Methyl-2-pentanone	7.794	43	278573	51.288	ug/L	99
42) Toluene	7.970	91	178326	5.410	ug/L	100
44) trans-1,3-Dichloropropene	8.212	75	54606	5.055	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	35415	5.301	ug/L	97
47) Tetrachloroethene	8.552	164	37265	5.422	ug/L	98
48) 2-Hexanone	8.687	43	212005	51.287	ug/L	99
49) Dibromochloromethane	8.813	129	44354	5.390	ug/L	99
50) 1,2-Dibromoethane	8.925	107	34863	5.278	ug/L	99
51) Chlorobenzene	9.449	112	118798	5.277	ug/L	99
52) Ethylbenzene	9.572	91	183510	5.256	ug/L	100
53) m,p-Xylene	9.694	106	71561	5.302	ug/L	97
54) o-Xylene	10.102	106	69905	5.242	ug/L	97
55) Styrene	10.115	104	121677	5.313	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	46913	5.238	ug/L	98
59) Bromoform	10.292	173	28759	5.374	ug/L	99
60) Isopropylbenzene	10.485	105	183678	5.360	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	32752	5.148	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	114384	5.228	ug/L	99
63) 1,2,4-Trimethylbenzene	11.469	105	150035	5.283	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	100038	5.235	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	100789	5.163	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	97241	5.146	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	7650	5.012	ug/L	90
69) 1,3,5-Trichlorobenzene	13.218	180	83588	5.174	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	68868	4.846	ug/L	99
71) Naphthalene	14.086	128	113816	4.315	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	66705	4.891	ug/L	98

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

