

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047453.D
 Acq On : 10 Mar 2022 12:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005094

Quant Time: Mar 11 00:50:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	156106	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	148636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	39908	4.714	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.919	69	30750	4.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.571	65	17980	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.642	46	74833	49.645	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.280%
24) Chloroform-d	5.067	84	67371	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.706	65	33453	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.732	84	136068	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.693	67	40635	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.899	98	134616	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.182	79	17768	5.060	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.636	63	77262	49.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35852	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	52815	4.967	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	61856	5.292	ug/L	100
3) Chloromethane	1.526	50	59144	5.067	ug/L	96
5) Vinyl chloride	1.607	62	60483	5.268	ug/L	98
6) Bromomethane	1.864	94	22004	3.361	ug/L	99
8) Chloroethane	1.941	64	35542	5.097	ug/L	99
9) Trichlorofluoromethane	2.144	101	78697	5.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	50086	5.363	ug/L	99
12) 1,1-Dichloroethene	2.588	96	47521	5.185	ug/L	99
13) Acetone	2.658	43	75519	54.528	ug/L	92
14) Carbon disulfide	2.800	76	146145	5.195	ug/L	99
15) Methyl Acetate	2.964	43	19781	5.405	ug/L	100
16) Methylene chloride	3.051	84	54940	5.022	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	122815	5.196	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	50492	5.146	ug/L	96
19) 1,1-Dichloroethane	3.874	63	89180	5.344	ug/L	99
21) 2-Butanone	4.722	43	140289	56.249	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	57043	5.246	ug/L	97
23) Bromochloromethane	4.980	128	28187	5.426	ug/L	97
25) Chloroform	5.095	83	95676	5.294	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	60844	5.230	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	80931	5.270	ug/L	98
30) Cyclohexane	5.394	56	77155	5.215	ug/L	98
31) Carbon tetrachloride	5.530	117	70420	5.221	ug/L	97
33) Benzene	5.777	78	209479	5.218	ug/L	100
34) Trichloroethene	6.546	95	56956	5.308	ug/L	98
35) Methylcyclohexane	6.767	83	88180	5.209	ug/L	99
37) 1,2-Dichloropropane	6.793	63	52944	5.296	ug/L	100
38) Bromodichloromethane	7.108	83	71531	5.389	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	82605	5.450	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	364461	53.478	ug/L	99
42) Toluene	7.973	91	230960	5.296	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	72144	5.278	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	44572	5.440	ug/L	98
47) Tetrachloroethene	8.555	164	47236	5.189	ug/L	99
48) 2-Hexanone	8.690	43	270073	54.622	ug/L	99
49) Dibromochloromethane	8.812	129	54056	5.431	ug/L	97
50) 1,2-Dibromoethane	8.925	107	44424	5.328	ug/L	98
51) Chlorobenzene	9.449	112	154035	5.280	ug/L	98
52) Ethylbenzene	9.571	91	248722	5.266	ug/L	100
53) m,p-Xylene	9.697	106	97766	5.277	ug/L	98
54) o-Xylene	10.102	106	95019	5.294	ug/L	99
55) Styrene	10.115	104	164188	5.411	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	58780	5.359	ug/L	96
59) Bromoform	10.291	173	34288	5.431	ug/L	99
60) Isopropylbenzene	10.484	105	248467	5.295	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	41278	5.314	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	161916	5.261	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	209852	5.256	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	131351	5.281	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	133062	5.269	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	126365	5.288	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	9663	5.518	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	111593	5.471	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	96008	5.280	ug/L	99
71) Naphthalene	14.085	128	170227	5.234	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	88330	5.298	ug/L	99

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

