

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047398.D
 Acq On : 08 Mar 2022 18:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005089

Quant Time: Mar 09 03:05:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	177523	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	168838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	38722	3.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.919	69	42083	4.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.572	65	17531	3.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.639	46	171958	41.572	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.140%
24) Chloroform-d	5.067	84	106494	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.706	65	61010	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.732	84	198104	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.694	67	67950	4.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.899	98	174657	3.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.182	79	28740	4.416	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.636	63	189501	51.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	70539	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	81735	4.349	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	58504	5.227	ug/L	99
3) Chloromethane	1.527	50	60139	4.859	ug/L	100
5) Vinyl chloride	1.607	62	58947	5.007	ug/L	99
6) Bromomethane	1.864	94	33113	5.194	ug/L	99
8) Chloroethane	1.941	64	35262	5.179	ug/L	97
9) Trichlorofluoromethane	2.144	101	79465	5.431	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	46858	5.486	ug/L	92
12) 1,1-Dichloroethene	2.584	96	46157	5.305	ug/L	81
13) Acetone	2.655	43	63098	37.790	ug/L	100
14) Carbon disulfide	2.800	76	143317	5.110	ug/L	100
15) Methyl Acetate	2.961	43	18756	4.903	ug/L	96
16) Methylene chloride	3.051	84	54460	5.376	ug/L	88
17) Methyl tert-butyl Ether	3.369	73	116145	4.985	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	49450	5.233	ug/L	94
19) 1,1-Dichloroethane	3.877	63	84382	5.364	ug/L	99
21) 2-Butanone	4.719	43	117989	37.173	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	54670	5.314	ug/L	95
23) Bromochloromethane	4.980	128	26367	5.132	ug/L	88
25) Chloroform	5.092	83	90290	5.245	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	57937	4.997	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	77741	5.483	ug/L	98
30) Cyclohexane	5.391	56	73856	5.324	ug/L	95
31) Carbon tetrachloride	5.530	117	67743	5.533	ug/L	100
33) Benzene	5.777	78	202183	5.306	ug/L	100
34) Trichloroethene	6.542	95	54226	5.415	ug/L	95
35) Methylcyclohexane	6.768	83	82667	5.383	ug/L	94
37) 1,2-Dichloropropane	6.793	63	49838	5.274	ug/L	99
38) Bromodichloromethane	7.108	83	66373	5.352	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	76460	5.096	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	347699	48.781	ug/L	98
42) Toluene	7.970	91	222985	5.399	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	68722	5.169	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	42109	5.153	ug/L	98
47) Tetrachloroethene	8.555	164	45762	5.364	ug/L	92
48) 2-Hexanone	8.687	43	261109	49.114	ug/L	98
49) Dibromochloromethane	8.812	129	49950	5.194	ug/L	97
50) 1,2-Dibromoethane	8.925	107	42550	5.098	ug/L #	98
51) Chlorobenzene	9.449	112	147620	5.308	ug/L	95
52) Ethylbenzene	9.571	91	239190	5.414	ug/L	99
53) m,p-Xylene	9.693	106	93227	5.310	ug/L	99
54) o-Xylene	10.102	106	91169	5.385	ug/L	100
55) Styrene	10.115	104	153222	5.338	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	55140	4.875	ug/L	93
59) Bromoform	10.291	173	31265	5.053	ug/L #	96
60) Isopropylbenzene	10.484	105	240099	5.581	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	38933	4.889	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	155913	5.430	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	203889	5.451	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	124907	5.426	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	125663	5.328	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	120300	5.285	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	8951	4.920	ug/L #	63
69) 1,3,5-Trichlorobenzene	13.221	180	104423	5.441	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	92473	5.302	ug/L	98
71) Naphthalene	14.086	128	163070	4.690	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	84832	5.225	ug/L	97

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

