

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047305.D
 Acq On : 03 Mar 2022 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Mar 04 01:43:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 02 23:54:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	142655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	46581	4.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.919	69	37694	4.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.572	65	19913	4.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.655	46	148287	53.397	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.800%
24) Chloroform-d	5.070	84	86981	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.707	65	45557	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.732	84	169377	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.694	67	53069	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.899	98	162297	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.182	79	24248	4.218	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.639	63	128554	42.465	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54466	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	70244	4.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	57309	4.926	ug/L	99
3) Chloromethane	1.523	50	60902	4.827	ug/L	97
5) Vinyl chloride	1.607	62	61612	4.834	ug/L	99
6) Bromomethane	1.861	94	29348	3.917	ug/L	98
8) Chloroethane	1.938	64	37594	5.114	ug/L	99
9) Trichlorofluoromethane	2.144	101	85282	5.490	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	51578	5.504	ug/L	92
12) 1,1-Dichloroethene	2.588	96	48197	5.324	ug/L #	72
13) Acetone	2.678	43	96836	69.652	ug/L	82
14) Carbon disulfide	2.800	76	136374	4.516	ug/L	100
15) Methyl Acetate	2.970	43	24713	5.743	ug/L	99
16) Methylene chloride	3.051	84	57258	5.677	ug/L	90
17) Methyl tert-butyl Ether	3.369	73	135244	5.467	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	51380	5.252	ug/L	93
19) 1,1-Dichloroethane	3.877	63	91048	5.324	ug/L	99
21) 2-Butanone	4.736	43	175885	67.365	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	59116	5.552	ug/L	95
23) Bromochloromethane	4.980	128	28776	5.765	ug/L	86
25) Chloroform	5.092	83	98702	5.512	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	64539	5.391	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	84371	5.462	ug/L	98
30) Cyclohexane	5.391	56	78764	4.672	ug/L	95
31) Carbon tetrachloride	5.530	117	73789	5.486	ug/L	100
33) Benzene	5.777	78	214639	5.295	ug/L	100
34) Trichloroethene	6.546	95	57578	5.325	ug/L	92
35) Methylcyclohexane	6.768	83	92054	5.045	ug/L	95
37) 1,2-Dichloropropane	6.793	63	55458	5.293	ug/L	100
38) Bromodichloromethane	7.108	83	73449	5.487	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	85189	5.228	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	397296	53.140	ug/L	97
42) Toluene	7.973	91	237670	5.267	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	77999	5.314	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	46946	5.770	ug/L	98
47) Tetrachloroethene	8.555	164	50183	5.719	ug/L	90
48) 2-Hexanone	8.690	43	295466	53.154	ug/L	99
49) Dibromochloromethane	8.813	129	56582	5.773	ug/L	97
50) 1,2-Dibromoethane	8.925	107	47265	5.760	ug/L #	97
51) Chlorobenzene	9.449	112	158739	5.450	ug/L	97
52) Ethylbenzene	9.571	91	258179	5.221	ug/L	98
53) m,p-Xylene	9.697	106	102345	5.272	ug/L	99
54) o-Xylene	10.102	106	98346	5.202	ug/L	99
55) Styrene	10.115	104	170600	5.394	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	63222	5.871	ug/L	98
59) Bromoform	10.295	173	36366	5.507	ug/L #	96
60) Isopropylbenzene	10.484	105	261947	4.923	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	44690	5.161	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	175744	4.947	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	229870	5.026	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	137448	5.357	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	138352	5.329	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	132226	5.410	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	10765	5.381	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.221	180	119930	5.657	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	106770	5.410	ug/L	98
71) Naphthalene	14.086	128	199089	4.888	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	97665	5.261	ug/L	97

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

