

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046781.D
 Acq On : 18 Jan 2022 14:11
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV052

Quant Time: Jan 19 07:33:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 06:55:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	130094	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	132097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	51363	4.659	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.919	69	41383	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.572	65	21286	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.652	46	167374	51.251	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	5.067	84	91174	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.707	65	50419	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.729	84	192043	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.694	67	57544	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.899	98	174976	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.182	79	24940	4.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.639	63	157150	51.845	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58480	4.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	68399	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	65006	5.312	ug/L	99
3) Chloromethane	1.523	50	52870	5.246	ug/L	99
5) Vinyl chloride	1.607	62	54803	5.223	ug/L	100
6) Bromomethane	1.864	94	34789	5.299	ug/L	99
8) Chloroethane	1.938	64	32235	5.338	ug/L	96
9) Trichlorofluoromethane	2.144	101	68633	5.369	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	40754	5.361	ug/L	94
12) 1,1-Dichloroethene	2.584	96	38572	5.310	ug/L	83
13) Acetone	2.678	43	83969	47.274	ug/L	93
14) Carbon disulfide	2.797	76	124297	5.210	ug/L	100
15) Methyl Acetate	2.967	43	21229	5.472	ug/L	96
16) Methylene chloride	3.051	84	43697	4.981	ug/L	91
17) Methyl tert-butyl Ether	3.366	73	108508	5.324	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	40952	5.205	ug/L	95
19) 1,1-Dichloroethane	3.874	63	70888	5.367	ug/L	99
21) 2-Butanone	4.732	43	150675	52.747	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	44835	5.402	ug/L	96
23) Bromochloromethane	4.980	128	22188	5.434	ug/L #	83
25) Chloroform	5.092	83	77816	3.712	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	49691	5.370	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	63916	5.372	ug/L	97
30) Cyclohexane	5.391	56	65388	5.418	ug/L	93
31) Carbon tetrachloride	5.526	117	54209	5.310	ug/L	97
33) Benzene	5.777	78	166229	5.345	ug/L	100
34) Trichloroethene	6.546	95	42833	5.304	ug/L	96
35) Methylcyclohexane	6.764	83	74537	5.511	ug/L	94
37) 1,2-Dichloropropane	6.793	63	40831	5.352	ug/L #	97
38) Bromodichloromethane	7.108	83	54699	4.982	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	64934	5.455	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	312111	55.801	ug/L #	94
42) Toluene	7.970	91	192168	5.170	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	57912	5.461	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	35299	5.438	ug/L	95
47) Tetrachloroethene	8.555	164	35679	5.433	ug/L	90
48) 2-Hexanone	8.690	43	236882	56.108	ug/L	95
49) Dibromochloromethane	8.813	129	40990	5.353	ug/L	96
50) 1,2-Dibromoethane	8.925	107	35289	5.364	ug/L #	97
51) Chlorobenzene	9.449	112	116119	5.379	ug/L	96
52) Ethylbenzene	9.571	91	193187	5.466	ug/L	100
53) m,p-Xylene	9.697	106	78405	5.565	ug/L	99
54) o-Xylene	10.102	106	76015	5.566	ug/L	99
55) Styrene	10.115	104	127404	5.703	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	47831	5.479	ug/L	94
59) Bromoform	10.295	173	25123	5.256	ug/L	98
60) Isopropylbenzene	10.484	105	197602	5.465	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	35287	5.365	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	160675	5.414	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	168195	5.507	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	96262	5.326	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	95670	5.260	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	92218	5.275	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7290	5.340	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.221	180	75631	5.307	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	61702	5.179	ug/L	99
71) Naphthalene	14.089	128	122840	5.065	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	59075	5.250	ug/L	99

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

