

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047016.D
 Acq On : 03 Feb 2022 11:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005186

Quant Time: Feb 04 05:45:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	104542	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	65519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	45894	5.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.919	69	37005	5.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.000%
11) 1,1-Dichloroethene-d2	2.571	65	17862	5.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.642	46	110451	42.087	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.180%
24) Chloroform-d	5.070	84	80876	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.706	65	41665	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.732	84	151995	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.697	67	48275	4.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.902	98	137810	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.182	79	18854	4.117	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.636	63	92829	34.235	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.480%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42826	4.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	48317	3.932	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41095	4.179	ug/L	99
3) Chloromethane	1.527	50	43230	5.338	ug/L	98
5) Vinyl chloride	1.607	62	44792	5.313	ug/L	100
6) Bromomethane	1.861	94	26791	5.079	ug/L	96
8) Chloroethane	1.938	64	27813	5.731	ug/L	96
9) Trichlorofluoromethane	2.144	101	58299	5.675	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33957	5.559	ug/L	100
12) 1,1-Dichloroethene	2.584	96	30223	5.178	ug/L	91
13) Acetone	2.652	43	64460	45.161	ug/L	100
14) Carbon disulfide	2.800	76	93215	4.862	ug/L	100
15) Methyl Acetate	2.964	43	12889	4.134	ug/L	95
16) Methylene chloride	3.051	84	34361	4.874	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	63648	3.886	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	30248	4.784	ug/L	93
19) 1,1-Dichloroethane	3.874	63	59344	5.591	ug/L	98
21) 2-Butanone	4.719	43	87581	38.153	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	31990	4.796	ug/L	96
23) Bromochloromethane	4.980	128	15617	4.759	ug/L	92
25) Chloroform	5.092	83	62079	3.685	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	38651	5.198	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	51631	4.851	ug/L	99
30) Cyclohexane	5.395	56	42076	3.898	ug/L	99
31) Carbon tetrachloride	5.530	117	44440	4.866	ug/L	98
33) Benzene	5.777	78	131548	4.728	ug/L	100
34) Trichloroethene	6.546	95	31741	4.394	ug/L	98
35) Methylcyclohexane	6.767	83	44473	3.676	ug/L	99
37) 1,2-Dichloropropane	6.793	63	34713	5.086	ug/L	99
38) Bromodichloromethane	7.108	83	43852	4.465	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	43710	4.105	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	186473	37.269	ug/L	100
42) Toluene	7.973	91	137280	4.128	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	39401	4.153	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	25768	4.438	ug/L	97
47) Tetrachloroethene	8.558	164	24613	4.190	ug/L	95
48) 2-Hexanone	8.687	43	156754	41.506	ug/L	99
49) Dibromochloromethane	8.812	129	28349	4.139	ug/L	97
50) 1,2-Dibromoethane	8.925	107	23805	4.045	ug/L	99
51) Chlorobenzene	9.449	112	86568	4.483	ug/L	97
52) Ethylbenzene	9.574	91	129157	4.085	ug/L	99
53) m,p-Xylene	9.700	106	51888	4.117	ug/L	97
54) o-Xylene	10.105	106	47754	3.909	ug/L	96
55) Styrene	10.118	104	83468	4.177	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	32279	4.134	ug/L	92
59) Bromoform	10.295	173	15748	3.903	ug/L	100
60) Isopropylbenzene	10.488	105	121979	3.997	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	24040	4.330	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	88807	3.545	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	90302	3.503	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	65230	4.276	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	66214	4.313	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	61906	4.195	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4268	3.704	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	47401	3.941	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	36070	3.587	ug/L	99
71) Naphthalene	14.089	128	61787	3.018	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	36142	3.805	ug/L	98

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

