

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046790.D
 Acq On : 18 Jan 2022 18:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050165

Quant Time: Jan 19 12:59:29 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	124512	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	72742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	50049	4.744	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.916	69	41266	4.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.572	65	20963	4.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.652	46	160967	51.499	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.000%
24) Chloroform-d	5.067	84	91423	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.704	65	50256	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.729	84	190239	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.694	67	57561	5.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.900	98	173219	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.179	79	24247	4.846	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.636	63	151689	51.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57025	4.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	66915	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	61372	5.240	ug/L	99
3) Chloromethane	1.520	50	53084	5.504	ug/L	99
5) Vinyl chloride	1.607	62	53728	5.351	ug/L	99
6) Bromomethane	1.861	94	32498	5.172	ug/L	100
8) Chloroethane	1.938	64	31051	5.372	ug/L	99
9) Trichlorofluoromethane	2.144	101	66379	5.425	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	38604	5.306	ug/L	94
12) 1,1-Dichloroethene	2.585	96	37325	5.369	ug/L	86
13) Acetone	2.675	43	81166	47.745	ug/L	90
14) Carbon disulfide	2.797	76	118290	5.180	ug/L	100
15) Methyl Acetate	2.964	43	13731	3.698	ug/L #	71
16) Methylene chloride	3.051	84	43456	5.176	ug/L	92
17) Methyl tert-butyl Ether	3.366	73	101952	5.227	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	39798	5.285	ug/L	91
19) 1,1-Dichloroethane	3.874	63	67973	5.377	ug/L	97
21) 2-Butanone	4.733	43	138324	50.594	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	42095	5.299	ug/L	95
23) Bromochloromethane	4.980	128	21249	5.437	ug/L	89
25) Chloroform	5.089	83	75081	3.742	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	48480	5.474	ug/L	98
29) 1,1,1-Trichloroethane	5.318	97	61051	5.250	ug/L	97
30) Cyclohexane	5.392	56	64180	5.441	ug/L	97
31) Carbon tetrachloride	5.527	117	51986	5.210	ug/L	99
33) Benzene	5.778	78	160259	5.272	ug/L	100
34) Trichloroethene	6.543	95	41474	5.255	ug/L	96
35) Methylcyclohexane	6.765	83	69301	5.242	ug/L	95
37) 1,2-Dichloropropane	6.794	63	40217	5.393	ug/L	98
38) Bromodichloromethane	7.109	83	52328	4.876	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	61104	5.252	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	293998	53.781	ug/L	95
42) Toluene	7.970	91	184520	5.079	ug/L	99
44) trans-1,3-Dichloropropene	8.212	75	53869	5.197	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	34638	5.460	ug/L	95
47) Tetrachloroethene	8.556	164	33762	5.260	ug/L	90
48) 2-Hexanone	8.687	43	220851	53.523	ug/L	96
49) Dibromochloromethane	8.813	129	38685	5.170	ug/L	100
50) 1,2-Dibromoethane	8.925	107	34031	5.292	ug/L	96
51) Chlorobenzene	9.449	112	111500	5.284	ug/L	95
52) Ethylbenzene	9.572	91	182601	5.286	ug/L	100
53) m,p-Xylene	9.694	106	73765	5.357	ug/L	99
54) o-Xylene	10.102	106	70344	5.270	ug/L	99
55) Styrene	10.115	104	118928	5.447	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	44807	5.252	ug/L	95
59) Bromoform	10.292	173	23502	5.247	ug/L	99
60) Isopropylbenzene	10.485	105	185142	5.464	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	32732	5.311	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	149006	5.357	ug/L	98
63) 1,2,4-Trimethylbenzene	11.469	105	155305	5.426	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	87825	5.185	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	89763	5.266	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	87480	5.340	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6580	5.143	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.218	180	67267	5.037	ug/L	98
70) 1,2,4-trichlorobenzene	13.842	180	54625	4.893	ug/L	99
71) Naphthalene	14.089	128	106754	4.697	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	53465	5.070	ug/L	99

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

