

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122821\
 Data File : VU046614.D
 Acq On : 28 Dec 2021 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Dec 29 01:26:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:55:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	75230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	77089	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28440	4.799	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.919	69	25402	5.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.575	65	13459	5.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	4.655	46	108230	62.967	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.940%
24) Chloroform-d	5.070	84	66213	6.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.000%
26) 1,2-Dichloroethane-d4	5.706	65	37602	6.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.200%
32) Benzene-d6	5.732	84	122754	5.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.200%
36) 1,2-Dichloropropane-d6	6.693	67	38310	5.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.600%
41) Toluene-d8	7.902	98	114197	5.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.200%
43) trans-1,3-Dichloroprop...	8.182	79	16412	5.495	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.639	63	102349	58.371	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.740%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39123	5.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	43146	5.234	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	54114	4.701	ug/L	99
3) Chloromethane	1.523	50	37887	3.822	ug/L	99
5) Vinyl chloride	1.610	62	40657	4.165	ug/L	100
6) Bromomethane	1.864	94	22106	3.763	ug/L	98
8) Chloroethane	1.941	64	24207	4.225	ug/L	96
9) Trichlorofluoromethane	2.147	101	63382	4.965	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	35606	5.479	ug/L	97
12) 1,1-Dichloroethene	2.587	96	30196	4.563	ug/L	87
13) Acetone	2.678	43	88108	54.674	ug/L	61
14) Carbon disulfide	2.800	76	75839	3.509	ug/L	98
15) Methyl Acetate	2.967	43	17511	5.380	ug/L	97
16) Methylene chloride	3.054	84	37608	4.671	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	99106	5.134	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	32441	4.595	ug/L	96
19) 1,1-Dichloroethane	3.877	63	66144	5.086	ug/L	99
21) 2-Butanone	4.732	43	139726	57.149	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	39031	5.058	ug/L	94
23) Bromochloromethane	4.983	128	18878	4.915	ug/L	89
25) Chloroform	5.092	83	73557	5.236	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	50168	5.002	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	65782	5.161	ug/L	98
30) Cyclohexane	5.394	56	48072	4.559	ug/L	95
31) Carbon tetrachloride	5.529	117	57056	5.334	ug/L	100
33) Benzene	5.780	78	143891	4.698	ug/L	100
34) Trichloroethene	6.546	95	39305	4.868	ug/L	97
35) Methylcyclohexane	6.767	83	55751	4.897	ug/L	95
37) 1,2-Dichloropropane	6.796	63	39551	5.062	ug/L	99
38) Bromodichloromethane	7.108	83	57082	5.278	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	61036	5.161	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	307239	52.387	ug/L	96
42) Toluene	7.973	91	160380	5.101	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	57566	5.252	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	34469	5.116	ug/L	95
47) Tetrachloroethene	8.555	164	28794	5.040	ug/L	96
48) 2-Hexanone	8.690	43	234317	53.498	ug/L	97
49) Dibromochloromethane	8.812	129	43693	5.622	ug/L	98
50) 1,2-Dibromoethane	8.928	107	32359	4.975	ug/L	98
51) Chlorobenzene	9.449	112	102741	5.112	ug/L	99
52) Ethylbenzene	9.574	91	172450	5.299	ug/L	99
53) m,p-Xylene	9.697	106	68839	5.522	ug/L	96
54) o-Xylene	10.102	106	66876	5.583	ug/L	97
55) Styrene	10.118	104	120541	5.801	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	47450	5.389	ug/L	95
59) Bromoform	10.295	173	27145	5.250	ug/L	97
60) Isopropylbenzene	10.488	105	180200	5.221	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	34772	4.678	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	148431	5.171	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	154598	5.348	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	90377	5.387	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	91658	5.336	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	86235	5.124	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	9219	5.358	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	70212	5.529	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	60335	5.610	ug/L	99
71) Naphthalene	14.089	128	128490	5.379	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	59735	5.610	ug/L	99

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

