

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
 Data File : VU046857.D
 Acq On : 26 Jan 2022 20:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005173

Quant Time: Jan 27 00:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 00:12:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94954	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100566	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	38072	4.732	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.919	69	33518	5.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.571	65	15848	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	4.652	46	121137	50.820	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.640%
24) Chloroform-d	5.070	84	77236	5.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.706	65	42397	5.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.732	84	148664	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.693	67	45683	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.899	98	129184	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.179	79	17874	4.586	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.635	63	111695	48.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43889	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	45974	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	47524	5.321	ug/L	98
3) Chloromethane	1.526	50	47203	6.418	ug/L	98
5) Vinyl chloride	1.607	62	46364	6.054	ug/L	98
6) Bromomethane	1.864	94	28522	5.953	ug/L	96
8) Chloroethane	1.941	64	26934	6.110	ug/L	96
9) Trichlorofluoromethane	2.144	101	53907	5.777	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	28077	5.060	ug/L	97
12) 1,1-Dichloroethene	2.587	96	29926	5.644	ug/L	82
13) Acetone	2.681	43	54930	42.370	ug/L	65
14) Carbon disulfide	2.800	76	92534	5.314	ug/L	100
15) Methyl Acetate	2.967	43	13919	4.915	ug/L #	71
16) Methylene chloride	3.054	84	36195	5.653	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	81240	5.461	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	30919	5.384	ug/L	95
19) 1,1-Dichloroethane	3.877	63	57536	5.968	ug/L	97
21) 2-Butanone	4.732	43	98688	47.333	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	34529	5.700	ug/L	96
23) Bromochloromethane	4.980	128	16970	5.694	ug/L	92
25) Chloroform	5.092	83	63984	4.181	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41807	6.190	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	50219	5.544	ug/L	99
30) Cyclohexane	5.394	56	40876	4.449	ug/L	96
31) Carbon tetrachloride	5.529	117	41668	5.361	ug/L	98
33) Benzene	5.777	78	132572	5.599	ug/L	100
34) Trichloroethene	6.542	95	31029	5.047	ug/L	98
35) Methylcyclohexane	6.767	83	42367	4.114	ug/L	99
37) 1,2-Dichloropropane	6.793	63	34233	5.894	ug/L	98
38) Bromodichloromethane	7.108	83	43012	5.145	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	46289	5.108	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	224904	52.817	ug/L	96
42) Toluene	7.970	91	134029	4.736	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	42978	5.323	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	27278	5.520	ug/L	96
47) Tetrachloroethene	8.555	164	23168	4.634	ug/L	94
48) 2-Hexanone	8.687	43	174566	54.312	ug/L	97
49) Dibromochloromethane	8.812	129	30762	5.277	ug/L	99
50) 1,2-Dibromoethane	8.925	107	27251	5.441	ug/L	98
51) Chlorobenzene	9.449	112	81792	4.976	ug/L	97
52) Ethylbenzene	9.571	91	127626	4.743	ug/L	99
53) m,p-Xylene	9.697	106	50585	4.716	ug/L	95
54) o-Xylene	10.102	106	48886	4.702	ug/L	99
55) Styrene	10.115	104	84792	4.985	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	35605	5.358	ug/L	98
59) Bromoform	10.295	173	17363	5.375	ug/L	97
60) Isopropylbenzene	10.488	105	123123	5.039	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	26544	5.972	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	95199	4.747	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	99233	4.808	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	61397	5.027	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	61117	4.972	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	61151	5.176	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5949	6.448	ug/L	96
69) 1,3,5-Trichlorobenzene	13.220	180	44038	4.573	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	36821	4.574	ug/L	98
71) Naphthalene	14.085	128	75280	4.593	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	38509	5.064	ug/L	98

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

