

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011322\
 Data File : VU046759.D
 Acq On : 13 Jan 2022 17:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

Quant Time: Jan 13 23:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73713	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	75543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17581	3.028	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.919	69	16709	3.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.568	65	7643	3.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.646	46	90090	53.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.980%
24) Chloroform-d	5.067	84	47412	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.703	65	27609	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.729	84	85473	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.694	67	27580	4.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.899	98	78312	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.179	79	12001	4.101	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.636	63	80319	46.744	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31597	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	33790	4.196	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	46151	4.092	ug/L	100
3) Chloromethane	1.523	50	34605	3.562	ug/L	98
5) Vinyl chloride	1.607	62	36928	3.861	ug/L	99
6) Bromomethane	1.861	94	23430	4.070	ug/L	99
8) Chloroethane	1.938	64	23603	4.204	ug/L	99
9) Trichlorofluoromethane	2.141	101	59099	4.724	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	33999	5.339	ug/L	94
12) 1,1-Dichloroethene	2.585	96	29461	4.543	ug/L #	67
13) Acetone	2.665	43	79562	50.387	ug/L	99
14) Carbon disulfide	2.797	76	62616	2.956	ug/L	98
15) Methyl Acetate	2.964	43	14509	4.549	ug/L #	84
16) Methylene chloride	3.051	84	45728	5.796	ug/L	89
17) Methyl tert-butyl Ether	3.366	73	94004	4.970	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	31439	4.545	ug/L	91
19) 1,1-Dichloroethane	3.874	63	63427	4.977	ug/L	99
21) 2-Butanone	4.723	43	118568	49.493	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	37932	5.017	ug/L	97
23) Bromochloromethane	4.977	128	18096	4.809	ug/L	90
25) Chloroform	5.092	83	73449	5.335	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	47008	4.783	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	61876	4.953	ug/L	98
30) Cyclohexane	5.391	56	41250	3.992	ug/L	93
31) Carbon tetrachloride	5.527	117	51485	4.912	ug/L	99
33) Benzene	5.777	78	140324	4.675	ug/L	100
34) Trichloroethene	6.543	95	35975	4.547	ug/L	97
35) Methylcyclohexane	6.764	83	47810	4.286	ug/L	95
37) 1,2-Dichloropropane	6.793	63	38090	4.975	ug/L #	97
38) Bromodichloromethane	7.108	83	52910	4.993	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	55660	4.803	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	271711	47.277	ug/L #	94
42) Toluene	7.970	91	154697	5.021	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	51905	4.833	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33855	5.127	ug/L	97
47) Tetrachloroethene	8.555	164	28022	5.005	ug/L	94
48) 2-Hexanone	8.687	43	205998	47.995	ug/L	95
49) Dibromochloromethane	8.809	129	39836	5.231	ug/L	98
50) 1,2-Dibromoethane	8.925	107	29933	4.696	ug/L #	99
51) Chlorobenzene	9.449	112	103005	5.231	ug/L	96
52) Ethylbenzene	9.571	91	165082	5.177	ug/L	98
53) m,p-Xylene	9.697	106	65969	5.400	ug/L	99
54) o-Xylene	10.102	106	65876	5.612	ug/L	97
55) Styrene	10.115	104	116022	5.698	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	43633	5.057	ug/L	92
59) Bromoform	10.292	173	23993	4.751	ug/L	97
60) Isopropylbenzene	10.485	105	175622	5.210	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	32599	4.490	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	142633	5.087	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	149640	5.300	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	88865	5.423	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	88433	5.271	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	85762	5.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7180	4.273	ug/L	85
69) 1,3,5-Trichlorobenzene	13.221	180	68709	5.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	56557	5.384	ug/L	100
71) Naphthalene	14.089	128	106162	4.551	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55335	5.321	ug/L	99

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

