

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046627.D
 Acq On : 29 Dec 2021 09:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

Quant Time: Dec 30 04:15:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 01:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	61160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	63574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	36736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	32631	6.773	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 135.400%#	
7) Chloroethane-d5	1.919	69	22620	5.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 119.200%	
11) 1,1-Dichloroethene-d2	2.572	65	13343	6.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 131.400%#	
20) 2-Butanone-d5	4.652	46	83868	60.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 120.040%	
24) Chloroform-d	5.070	84	52717	5.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.400%	
26) 1,2-Dichloroethane-d4	5.707	65	30346	6.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 120.200%	
32) Benzene-d6	5.732	84	100270	5.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.200%	
36) 1,2-Dichloropropane-d6	6.697	67	30755	5.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 115.600%	
41) Toluene-d8	7.903	98	90648	5.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.800%	
43) trans-1,3-Dichloroprop...	8.182	79	14397	5.845	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 117.000%	
46) 2-Hexanone-d5	8.639	63	72689	50.268	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 100.540%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	30243	5.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 110.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33105	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 97.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	45296	4.840	ug/L	99
3) Chloromethane	1.523	50	32113	3.984	ug/L	99
5) Vinyl chloride	1.607	62	34091	4.296	ug/L	99
6) Bromomethane	1.864	94	19646	4.113	ug/L	96
8) Chloroethane	1.941	64	19793	4.249	ug/L	96
9) Trichlorofluoromethane	2.144	101	53157	5.122	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30884	5.845	ug/L	97
12) 1,1-Dichloroethene	2.584	96	27352	5.084	ug/L	92
13) Acetone	2.671	43	77247	58.962	ug/L	97
14) Carbon disulfide	2.800	76	65838	3.747	ug/L	98
15) Methyl Acetate	2.967	43	14011	5.295	ug/L	98
16) Methylene chloride	3.051	84	32595	4.979	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	78837	5.023	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	27197	4.739	ug/L	94
19) 1,1-Dichloroethane	3.874	63	54704	5.174	ug/L	99
21) 2-Butanone	4.729	43	114610	57.661	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	30864	4.920	ug/L	99
23) Bromochloromethane	4.980	128	15259	4.887	ug/L	95
25) Chloroform	5.092	83	61084	5.348	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41749	5.120	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	52534	4.997	ug/L	100
30) Cyclohexane	5.395	56	37517	4.314	ug/L	96
31) Carbon tetrachloride	5.530	117	46637	5.287	ug/L	99
33) Benzene	5.781	78	118779	4.702	ug/L	100
34) Trichloroethene	6.546	95	30117	4.523	ug/L	99
35) Methylcyclohexane	6.768	83	41963	4.470	ug/L	97
37) 1,2-Dichloropropane	6.793	63	33493	5.198	ug/L	99
38) Bromodichloromethane	7.108	83	47391	5.314	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	45714	4.687	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	250212	51.733	ug/L	98
42) Toluene	7.973	91	129856	5.009	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	45757	5.062	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	28460	5.122	ug/L	98
47) Tetrachloroethene	8.555	164	23239	4.932	ug/L	93
48) 2-Hexanone	8.690	43	192781	53.371	ug/L	98
49) Dibromochloromethane	8.813	129	35091	5.475	ug/L	97
50) 1,2-Dibromoethane	8.928	107	26380	4.918	ug/L	98
51) Chlorobenzene	9.449	112	82818	4.997	ug/L	99
52) Ethylbenzene	9.575	91	134396	5.008	ug/L	100
53) m,p-Xylene	9.697	106	53851	5.238	ug/L	96
54) o-Xylene	10.105	106	51650	5.228	ug/L	94
55) Styrene	10.118	104	97101	5.667	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	38593	5.315	ug/L	95
59) Bromoform	10.295	173	21627	5.096	ug/L	97
60) Isopropylbenzene	10.488	105	139216	4.914	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	28345	4.646	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	109231	4.636	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	116450	4.908	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	70359	5.109	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	71612	5.079	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	69291	5.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7427	5.259	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	54234	5.203	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	45466	5.150	ug/L	99
71) Naphthalene	14.089	128	88900	4.534	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	44646	5.108	ug/L	98

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

