

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046638.D
 Acq On : 29 Dec 2021 20:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Quant Time: Dec 30 04:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 30 04:21:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	64367	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	68727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	40122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34797	6.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	137.200%#
7) Chloroethane-d5	1.919	69	24389	6.109	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.200%
11) 1,1-Dichloroethene-d2	2.575	65	14293	6.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	133.800%#
20) 2-Butanone-d5	4.649	46	86561	58.860	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.720%
24) Chloroform-d	5.067	84	57520	6.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.800%
26) 1,2-Dichloroethane-d4	5.707	65	31442	5.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.400%
32) Benzene-d6	5.732	84	108445	5.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.200%
36) 1,2-Dichloropropane-d6	6.694	67	33165	5.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.200%
41) Toluene-d8	7.903	98	100045	5.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
43) trans-1,3-Dichloroprop...	8.182	79	14510	5.450	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.000%
46) 2-Hexanone-d5	8.636	63	75685	48.416	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32392	5.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	36101	4.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	46527	4.724	ug/L	99
3) Chloromethane	1.523	50	32290	3.807	ug/L	98
5) Vinyl chloride	1.607	62	37148	4.448	ug/L	98
6) Bromomethane	1.864	94	14114	2.808	ug/L	95
8) Chloroethane	1.938	64	21973	4.482	ug/L	98
9) Trichlorofluoromethane	2.144	101	56455	5.168	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30705	5.522	ug/L	97
12) 1,1-Dichloroethene	2.584	96	28223	4.985	ug/L	93
13) Acetone	2.668	43	69720	50.565	ug/L	95
14) Carbon disulfide	2.800	76	70825	3.830	ug/L	99
15) Methyl Acetate	2.967	43	13087	4.699	ug/L #	89
16) Methylene chloride	3.051	84	35973	5.221	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	79558	4.817	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	28676	4.747	ug/L	92
19) 1,1-Dichloroethane	3.877	63	59950	5.387	ug/L	100
21) 2-Butanone	4.726	43	110515	52.830	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	33489	5.072	ug/L	98
23) Bromochloromethane	4.980	128	16592	5.049	ug/L	97
25) Chloroform	5.092	83	66826	5.559	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	45182	5.265	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	57517	5.061	ug/L	100
30) Cyclohexane	5.395	56	39720	4.225	ug/L	99
31) Carbon tetrachloride	5.530	117	50166	5.261	ug/L	100
33) Benzene	5.777	78	131365	4.811	ug/L	100
34) Trichloroethene	6.546	95	33061	4.593	ug/L	96
35) Methylcyclohexane	6.768	83	42585	4.196	ug/L	99
37) 1,2-Dichloropropane	6.793	63	36053	5.176	ug/L	98
38) Bromodichloromethane	7.108	83	51622	5.354	ug/L #	96
39) cis-1,3-Dichloropropene	7.610	75	49875	4.730	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	255467	48.859	ug/L	98
42) Toluene	7.973	91	139621	4.981	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	46399	4.749	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	29400	4.894	ug/L	97
47) Tetrachloroethene	8.555	164	24631	4.835	ug/L	96
48) 2-Hexanone	8.687	43	193914	49.660	ug/L	99
49) Dibromochloromethane	8.813	129	37552	5.420	ug/L	100
50) 1,2-Dibromoethane	8.925	107	28067	4.840	ug/L	97
51) Chlorobenzene	9.449	112	89806	5.013	ug/L	97
52) Ethylbenzene	9.571	91	144897	4.994	ug/L	98
53) m,p-Xylene	9.697	106	56880	5.118	ug/L	94
54) o-Xylene	10.102	106	55449	5.192	ug/L	92
55) Styrene	10.115	104	102838	5.551	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	40196	5.121	ug/L	97
59) Bromoform	10.292	173	22621	4.880	ug/L	97
60) Isopropylbenzene	10.488	105	149378	4.828	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29364	4.407	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	115901	4.504	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	123508	4.766	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	74777	4.971	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	76640	4.977	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	72912	4.833	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7585	4.918	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	56043	4.923	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	46401	4.812	ug/L	97
71) Naphthalene	14.089	128	92584	4.324	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	49011	5.134	ug/L	99

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

