

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111921\
 Data File : VU045903.D
 Acq On : 19 Nov 2021 19:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005131

Quant Time: Nov 22 03:55:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 22 03:50:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91708	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	94468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49102	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22253	3.063	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.916	69	19593	3.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.568	65	9780	3.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.649	46	99704	51.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.400%
24) Chloroform-d	5.067	84	44675	3.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	5.707	65	28754	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.732	84	90525	3.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
36) 1,2-Dichloropropane-d6	6.694	67	31497	3.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.899	98	80491	3.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	8.182	79	12421	3.732	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.636	63	71095	47.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32079	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	32812	3.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	33637	4.505	ug/L	99
3) Chloromethane	1.520	50	32742	4.138	ug/L	98
5) Vinyl chloride	1.607	62	36285	4.569	ug/L	99
6) Bromomethane	1.861	94	17135	3.638	ug/L	100
8) Chloroethane	1.938	64	22214	4.905	ug/L	98
9) Trichlorofluoromethane	2.144	101	49905	4.867	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28835	4.796	ug/L	99
12) 1,1-Dichloroethene	2.584	96	26666	4.697	ug/L	83
13) Acetone	2.671	43	57139	49.857	ug/L	95
14) Carbon disulfide	2.797	76	75948	4.230	ug/L	99
15) Methyl Acetate	2.967	43	13989	4.975	ug/L	97
16) Methylene chloride	3.051	84	32822	3.916	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	73359	4.964	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	28571	4.695	ug/L	94
19) 1,1-Dichloroethane	3.874	63	55486	4.867	ug/L	99
21) 2-Butanone	4.729	43	97837	50.737	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	31774	4.816	ug/L	97
23) Bromochloromethane	4.980	128	14982	5.210	ug/L	98
25) Chloroform	5.092	83	63543	5.138	ug/L	99

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27) 1,2-Dichloroethane	5.797	62	37929	4.806	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	49650	4.837	ug/L	99
30) Cyclohexane	5.391	56	43412	4.265	ug/L	98
31) Carbon tetrachloride	5.530	117	40715	4.717	ug/L	99
33) Benzene	5.777	78	121762	4.619	ug/L	100
34) Trichloroethene	6.546	95	32158	4.733	ug/L	97
35) Methylcyclohexane	6.768	83	46371	4.444	ug/L	99
37) 1,2-Dichloropropane	6.797	63	33248	4.793	ug/L	100
38) Bromodichloromethane	7.108	83	42174	4.927	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	46124	4.679	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	230451	50.645	ug/L	98
42) Toluene	7.970	91	133196	4.895	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	40722	4.748	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	26607	5.166	ug/L	96
47) Tetrachloroethene	8.555	164	22514	4.734	ug/L	98
48) 2-Hexanone	8.687	43	175124	53.273	ug/L	97
49) Dibromochloromethane	8.813	129	29046	4.952	ug/L	99
50) 1,2-Dibromoethane	8.925	107	24457	5.040	ug/L #	99
51) Chlorobenzene	9.449	112	85178	4.990	ug/L	100
52) Ethylbenzene	9.575	91	140161	4.921	ug/L	99
53) m,p-Xylene	9.697	106	55192	5.059	ug/L	96
54) o-Xylene	10.102	106	52951	5.029	ug/L	97
55) Styrene	10.115	104	92248	5.205	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	32866	4.982	ug/L	92
59) Bromoform	10.292	173	16163	4.970	ug/L	97
60) Isopropylbenzene	10.488	105	141047	4.893	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	24646	4.835	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	113423	4.812	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	117053	4.957	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	67371	5.010	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	68121	4.986	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	64882	5.032	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	4859	4.582	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	49269	4.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	42082	4.944	ug/L	99
71) Naphthalene	14.086	128	81341	4.651	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42410	5.007	ug/L	98

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

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