

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045528.D
 Acq On : 03 Nov 2021 17:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005120

Quant Time: Nov 09 07:54:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:37:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	165307	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	156225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76407	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66248	4.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.916	69	40521	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.571	65	26517	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.652	46	199538	52.813	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.620%
24) Chloroform-d	5.070	84	112310	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.706	65	63238	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	5.732	84	238155	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.693	67	77336	5.087	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.902	98	211093	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.182	79	30813	5.014	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.636	63	178959	51.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	66345	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	75206	5.179	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	74909	5.142	ug/L	100
3) Chloromethane	1.520	50	85063	4.897	ug/L	100
5) Vinyl chloride	1.604	62	83417	5.036	ug/L	100
6) Bromomethane	1.861	94	34370	4.583	ug/L	100
8) Chloroethane	1.938	64	35440	4.715	ug/L	99
9) Trichlorofluoromethane	2.144	101	67199	4.925	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	54530	5.073	ug/L	98
12) 1,1-Dichloroethene	2.584	96	54762	5.231	ug/L	97
13) Acetone	2.684	43	108868	50.415	ug/L	95
14) Carbon disulfide	2.797	76	184908	4.995	ug/L	100
15) Methyl Acetate	2.967	43	26112	4.686	ug/L	95
16) Methylene chloride	3.051	84	67214	5.084	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	150329	5.064	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	59550	5.078	ug/L	97
19) 1,1-Dichloroethane	3.877	63	107597	5.039	ug/L	96
21) 2-Butanone	4.732	43	182937	52.988	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	62909	5.343	ug/L	92
23) Bromochloromethane	4.983	128	27180	5.226	ug/L	98
25) Chloroform	5.092	83	105431	5.144	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	72895	5.694	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	85964	5.384	ug/L	98
30) Cyclohexane	5.394	56	105925	5.403	ug/L	100
31) Carbon tetrachloride	5.530	117	69139	5.301	ug/L	98
33) Benzene	5.777	78	250201	5.350	ug/L	100
34) Trichloroethene	6.546	95	61669	5.170	ug/L	95
35) Methylcyclohexane	6.767	83	107302	5.150	ug/L	99
37) 1,2-Dichloropropane	6.793	63	63996	5.136	ug/L	99
38) Bromodichloromethane	7.108	83	77639	5.558	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	93080	5.195	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	444526	53.302	ug/L	99
42) Toluene	7.973	91	262647	5.163	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	78802	5.040	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	45704	5.093	ug/L	97
47) Tetrachloroethene	8.555	164	43411	5.059	ug/L	99
48) 2-Hexanone	8.687	43	332079	54.384	ug/L	99
49) Dibromochloromethane	8.812	129	47707	5.385	ug/L	98
50) 1,2-Dibromoethane	8.928	107	43638	5.434	ug/L	100
51) Chlorobenzene	9.449	112	152851	5.085	ug/L	99
52) Ethylbenzene	9.574	91	270875	5.159	ug/L	99
53) m,p-Xylene	9.697	106	107316	5.274	ug/L	98
54) o-Xylene	10.102	106	104604	5.266	ug/L	94
55) Styrene	10.118	104	175387	5.329	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	61373	5.099	ug/L	100
59) Bromoform	10.295	173	26152	5.522	ug/L	97
60) Isopropylbenzene	10.488	105	270246	5.479	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	44046	5.180	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	227384	5.389	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	228580	5.418	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	117730	5.178	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	117598	5.151	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	113781	5.195	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	9695	5.129	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	86225	5.140	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	75529	5.063	ug/L	100
71) Naphthalene	14.089	128	163727	5.095	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	73200	5.189	ug/L	98

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

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