

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043541.D
 Acq On : 05 May 2021 00:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Quant Time: May 05 12:07:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	88397	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88749	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45674	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27993	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.916	69	22966	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.572	65	14437	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.642	46	107094	48.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.06%
24) Chloroform-d	5.073	84	64796	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.710	65	38442	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.735	84	112263	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.700	67	38890	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.906	98	101466	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.185	79	15789	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.642	63	80948	56.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.66%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34101	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	37229	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	30933	5.17	ug/L	97
3) Chloromethane	1.520	50	31440	4.98	ug/L	98
5) Vinyl chloride	1.607	62	30135	5.04	ug/L	98
6) Bromomethane	1.861	94	15892	5.61	ug/L	91
8) Chloroethane	1.938	64	20698	5.36	ug/L	96
9) Trichlorofluoromethane	2.144	101	47699	5.12	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28941	5.03	ug/L	97
12) 1,1-Dichloroethene	2.584	96	26006	5.26	ug/L	94
13) Acetone	2.652	43	71955	48.90	ug/L	98
14) Carbon disulfide	2.800	76	59364	4.80	ug/L	100
15) Methyl Acetate	2.964	43	17008	5.07	ug/L	99
16) Methylene chloride	3.054	84	38028	4.80	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	77830	5.39	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	26332	5.11	ug/L	98
19) 1,1-Dichloroethane	3.880	63	64029	5.22	ug/L	99
21) 2-Butanone	4.723	43	124034	52.57	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	31824	5.26	ug/L	94
23) Bromochloromethane	4.986	128	14539	5.40	ug/L	96
25) Chloroform	5.099	83	66660	5.11	ug/L	99

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27) 1,2-Dichloroethane	5.803	62	46185	5.21	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	54549	5.23	ug/L	99
30) Cyclohexane	5.398	56	43115	5.18	ug/L	99
31) Carbon tetrachloride	5.533	117	43057	5.03	ug/L	99
33) Benzene	5.784	78	123917	5.30	ug/L	100
34) Trichloroethene	6.549	95	31279	5.24	ug/L	94
35) Methylcyclohexane	6.771	83	37983	4.92	ug/L	99
37) 1,2-Dichloropropane	6.800	63	37941	5.44	ug/L	100
38) Bromodichloromethane	7.115	83	48132	5.32	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	46568	5.03	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	340859	59.68	ug/L	99
42) Toluene	7.976	91	132650	5.43	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	43042	5.11	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	26135	5.42	ug/L	98
47) Tetrachloroethene	8.562	164	22011	5.00	ug/L	96
48) 2-Hexanone	8.694	43	261272	61.66	ug/L	99
49) Dibromochloromethane	8.819	129	30267	5.19	ug/L	98
50) 1,2-Dibromoethane	8.931	107	24265	5.41	ug/L #	94
51) Chlorobenzene	9.452	112	81125	5.22	ug/L	100
52) Ethylbenzene	9.578	91	137324	5.30	ug/L	100
53) m,p-Xylene	9.700	106	51374	5.45	ug/L	97
54) o-Xylene	10.108	106	49468	5.40	ug/L	96
55) Styrene	10.121	104	88310	5.51	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	36184	5.56	ug/L	95
59) Bromoform	10.298	173	18518	5.57	ug/L	97
60) Isopropylbenzene	10.491	105	133324	5.36	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	25408	5.50	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	104797	5.36	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	106518	5.44	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	65771	5.33	ug/L	100
65) 1,4-Dichlorobenzene	11.845	146	66031	5.21	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	63809	5.14	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	6102	5.54	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	49082	5.02	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	40296	5.00	ug/L	98
71) Naphthalene	14.095	128	76035	5.48	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	41340	5.47	ug/L	100

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

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