

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082021\
 Data File : VU044488.D
 Acq On : 20 Aug 2021 15:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005091

Manual Integrations
 APPROVED

SAM
 8/23/2021 10:54:00 AM

Quant Time: Aug 21 02:48:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 21 02:45:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	115468	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	116077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	59301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38094	4.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.916	69	36515	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.571	65	17901	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.642	46	130391m	50.486	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.980%
24) Chloroform-d	5.073	84	78247	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.710	65	41990	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.735	84	155599	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.700	67	49261	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.906	98	139119	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.185	79	18461	4.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.645	63	108830	53.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.180%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43201	4.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	48870	4.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	58349	4.914	ug/L	99
3) Chloromethane	1.520	50	70166	4.510	ug/L	98
5) Vinyl chloride	1.607	62	71610	4.979	ug/L	98
6) Bromomethane	1.861	94	40191	5.141	ug/L	99
8) Chloroethane	1.938	64	43733	4.975	ug/L	95
9) Trichlorofluoromethane	2.144	101	82167	4.997	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	46617	5.152	ug/L	99
12) 1,1-Dichloroethene	2.584	96	44280	4.990	ug/L	98
13) Acetone	2.645	43	92672m	43.211	ug/L	
14) Carbon disulfide	2.800	76	140046	4.865	ug/L	100
15) Methyl Acetate	2.961	43	17029	4.862	ug/L	98
16) Methylene chloride	3.054	84	72934	5.532	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	115536	5.034	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	46494	5.029	ug/L	99
19) 1,1-Dichloroethane	3.877	63	90714	5.061	ug/L	97
21) 2-Butanone	4.719	43	161644m	52.891	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	50089	5.067	ug/L	100
23) Bromochloromethane	4.983	128	22430	5.147	ug/L	94
25) Chloroform	5.095	83	91380	4.969	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	62887	5.127	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	75321	5.184	ug/L	98
30) Cyclohexane	5.394	56	80884	5.036	ug/L	100
31) Carbon tetrachloride	5.533	117	60467	5.065	ug/L	100
33) Benzene	5.780	78	200993	5.104	ug/L	100
34) Trichloroethene	6.549	95	49251	5.058	ug/L	99
35) Methylcyclohexane	6.771	83	80229	4.941	ug/L	99
37) 1,2-Dichloropropane	6.800	63	53737	5.211	ug/L	100
38) Bromodichloromethane	7.115	83	64791	5.117	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	72654	5.024	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	376314	53.745	ug/L	100
42) Toluene	7.976	91	213828	5.212	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	61947	5.054	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	38975	5.300	ug/L	95
47) Tetrachloroethene	8.558	164	34697	5.154	ug/L	98
48) 2-Hexanone	8.697	43	273414	54.725	ug/L	99
49) Dibromochloromethane	8.819	129	39294	5.049	ug/L	100
50) 1,2-Dibromoethane	8.931	107	37467	5.327	ug/L	99
51) Chlorobenzene	9.452	112	127331	5.058	ug/L	99
52) Ethylbenzene	9.578	91	224922	5.190	ug/L	98
53) m,p-Xylene	9.700	106	85891	5.272	ug/L	99
54) o-Xylene	10.108	106	82485	5.198	ug/L	97
55) Styrene	10.121	104	144625	5.558	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	50219	5.187	ug/L	99
59) Bromoform	10.298	173	20017	4.778	ug/L	96
60) Isopropylbenzene	10.491	105	217559	5.027	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	37230	5.024	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	180275	5.094	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	184986	5.098	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	95378	5.019	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	96061	5.003	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	91723	5.064	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	7473	4.930	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	65644	4.906	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	52142	4.972	ug/L	99
71) Naphthalene	14.092	128	101240	5.064	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	49143	5.118	ug/L	100

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

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