

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082021\
 Data File : VU044477.D
 Acq On : 20 Aug 2021 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005090

Manual Integrations
 APPROVED

SAM
 8/23/2021 10:53:48 AM

Quant Time: Aug 21 02:40:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 20 05:12:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	117953	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	120235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	60893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41838	4.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.916	69	38735	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.571	65	19675	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.639	46	136707m	51.816	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.640%
24) Chloroform-d	5.070	84	84113	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.710	65	44987	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.735	84	163289	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.697	67	52749	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.906	98	145638	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.185	79	19641	5.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.645	63	113510	53.962	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.920%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	46132	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	50396	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	62464	5.149	ug/L	100
3) Chloromethane	1.520	50	75835	4.772	ug/L	99
5) Vinyl chloride	1.607	62	76005	5.174	ug/L	100
6) Bromomethane	1.861	94	43301	5.423	ug/L	97
8) Chloroethane	1.938	64	46131	5.137	ug/L	98
9) Trichlorofluoromethane	2.144	101	87402	5.203	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	49835	5.392	ug/L	99
12) 1,1-Dichloroethene	2.584	96	46950	5.179	ug/L	97
13) Acetone	2.645	43	101437m	46.301	ug/L	
14) Carbon disulfide	2.800	76	149756	5.093	ug/L	100
15) Methyl Acetate	2.960	43	17133	4.788	ug/L	92
16) Methylene chloride	3.054	84	56372	4.186	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	121665	5.190	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	49323	5.222	ug/L	98
19) 1,1-Dichloroethane	3.877	63	94914	5.184	ug/L	99
21) 2-Butanone	4.719	43	170149m	54.500	ug/L	
22) cis-1,2-Dichloroethene	4.677	96	53116	5.260	ug/L	97
23) Bromochloromethane	4.983	128	23847	5.356	ug/L	97
25) Chloroform	5.095	83	96530	5.138	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	69214	5.524	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	79966	5.314	ug/L	98
30) Cyclohexane	5.398	56	86145	5.178	ug/L	100
31) Carbon tetrachloride	5.533	117	64265	5.197	ug/L	100
33) Benzene	5.784	78	215141	5.274	ug/L	100
34) Trichloroethene	6.549	95	52398	5.196	ug/L	97
35) Methylcyclohexane	6.771	83	88308	5.250	ug/L	98
37) 1,2-Dichloropropane	6.800	63	56308	5.271	ug/L	99
38) Bromodichloromethane	7.115	83	69645	5.310	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	78895	5.267	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	401376	55.341	ug/L	100
42) Toluene	7.976	91	223453	5.259	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	68483	5.394	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	40934	5.374	ug/L	94
47) Tetrachloroethene	8.558	164	35567	5.100	ug/L	98
48) 2-Hexanone	8.697	43	293067	56.630	ug/L	99
49) Dibromochloromethane	8.819	129	43008	5.335	ug/L	99
50) 1,2-Dibromoethane	8.931	107	39420	5.410	ug/L	99
51) Chlorobenzene	9.452	112	135676	5.203	ug/L	99
52) Ethylbenzene	9.578	91	235494	5.246	ug/L	99
53) m,p-Xylene	9.700	106	91729	5.436	ug/L	99
54) o-Xylene	10.108	106	88509	5.384	ug/L	99
55) Styrene	10.121	104	153017	5.678	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	55066	5.490	ug/L	99
59) Bromoform	10.298	173	22049	5.125	ug/L	99
60) Isopropylbenzene	10.491	105	230674	5.191	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	40284	5.294	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	189198	5.207	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	196363	5.270	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	101612	5.207	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	101812	5.164	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	99175	5.333	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	8150	5.236	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	69450	5.055	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	56727	5.268	ug/L	99
71) Naphthalene	14.092	128	107352	5.229	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	51341	5.207	ug/L	98

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

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