

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044514.D
 Acq On : 23 Aug 2021 20:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005093

Manual Integrations
 APPROVED

SAM
 8/24/2021 11:21:11 AM

Quant Time: Aug 24 06:19:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 06:16:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	114713	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	113829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	57367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37354	4.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.916	69	36082	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.572	65	17387	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.636	46	134521	52.428	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.860%
24) Chloroform-d	5.073	84	81835	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.710	65	43382	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.735	84	156519	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.697	67	50055	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.903	98	138747	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.185	79	17547	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.642	63	114013	57.251	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.500%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44693	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	48787	5.034	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	57916	4.909	ug/L	99
3) Chloromethane	1.520	50	70465	4.559	ug/L	100
5) Vinyl chloride	1.607	62	69926	4.894	ug/L	99
6) Bromomethane	1.861	94	39940	5.143	ug/L	100
8) Chloroethane	1.938	64	43175	4.943	ug/L	95
9) Trichlorofluoromethane	2.144	101	82544	5.053	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	46327	5.154	ug/L	99
12) 1,1-Dichloroethene	2.584	96	44450	5.042	ug/L	99
13) Acetone	2.642	43	96835m	45.449	ug/L	
14) Carbon disulfide	2.800	76	137110	4.795	ug/L	98
15) Methyl Acetate	2.961	43	20774	5.970	ug/L	99
16) Methylene chloride	3.054	84	103323	7.888	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	119863	5.257	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	47520	5.173	ug/L	97
19) 1,1-Dichloroethane	3.877	63	91267	5.125	ug/L	97
21) 2-Butanone	4.716	43	157813	51.977	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	51135	5.207	ug/L	97
23) Bromochloromethane	4.983	128	22767	5.258	ug/L	94
25) Chloroform	5.096	83	92160	5.044	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	63945	5.247	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	74191	5.208	ug/L	99
30) Cyclohexane	5.395	56	81748	5.191	ug/L	99
31) Carbon tetrachloride	5.533	117	60570	5.174	ug/L	98
33) Benzene	5.780	78	203487	5.269	ug/L	100
34) Trichloroethene	6.549	95	50002	5.237	ug/L	99
35) Methylcyclohexane	6.771	83	79921	5.019	ug/L	99
37) 1,2-Dichloropropane	6.800	63	53979	5.338	ug/L	99
38) Bromodichloromethane	7.112	83	63824	5.140	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	71439	5.037	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	378549	55.131	ug/L	100
42) Toluene	7.976	91	213119	5.298	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	61480	5.115	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	38997	5.408	ug/L	93
47) Tetrachloroethene	8.558	164	33986	5.148	ug/L	99
48) 2-Hexanone	8.694	43	276195	56.373	ug/L	99
49) Dibromochloromethane	8.816	129	40680	5.331	ug/L	99
50) 1,2-Dibromoethane	8.931	107	36301	5.263	ug/L	99
51) Chlorobenzene	9.452	112	126511	5.124	ug/L	100
52) Ethylbenzene	9.575	91	222045	5.225	ug/L	97
53) m,p-Xylene	9.700	106	84292	5.276	ug/L	98
54) o-Xylene	10.105	106	84131	5.406	ug/L	99
55) Styrene	10.118	104	142798	5.597	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	50321	5.300	ug/L	99
59) Bromoform	10.295	173	20336	5.017	ug/L	98
60) Isopropylbenzene	10.491	105	216072	5.161	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	37733	5.264	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	178037	5.201	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	181074	5.158	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	93143	5.067	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	94450	5.085	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	92503	5.280	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7813	5.328	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	64344	4.971	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	52226	5.148	ug/L	99
71) Naphthalene	14.092	128	105170	5.437	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	50196	5.404	ug/L	99

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

