

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
 Data File : VU044675.D
 Acq On : 16 Sep 2021 20:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005111

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 4:35:02 PM

Quant Time: Sep 17 03:04:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 17 02:59:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	131487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	132211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	65201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27829	3.587	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.916	69	31922	4.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.572	65	14967	3.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.642	46	184307	56.671	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.340%
24) Chloroform-d	5.073	84	78360	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.710	65	45813	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.735	84	144931	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.697	67	51013	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.903	98	124146	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.185	79	16403	4.203	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.642	63	142031	56.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.260%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	49612	5.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	46299	4.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	51367	4.899	ug/L	99
3) Chloromethane	1.520	50	66519	5.277	ug/L	100
5) Vinyl chloride	1.607	62	65052	5.060	ug/L	98
6) Bromomethane	1.861	94	32871	4.989	ug/L	99
8) Chloroethane	1.938	64	43113	5.261	ug/L	96
9) Trichlorofluoromethane	2.144	101	76175	5.261	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	46016	5.177	ug/L	99
12) 1,1-Dichloroethene	2.584	96	43179	5.112	ug/L	91
13) Acetone	2.649	43	119801m	56.558	ug/L	
14) Carbon disulfide	2.797	76	124085	4.640	ug/L	100
15) Methyl Acetate	2.961	43	19379	5.067	ug/L	97
16) Methylene chloride	3.054	84	70443	5.244	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	125293	5.366	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	45854	5.106	ug/L	98
19) 1,1-Dichloroethane	3.877	63	99189	5.464	ug/L	99
21) 2-Butanone	4.719	43	201247m	56.901	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	51962	5.249	ug/L	95
23) Bromochloromethane	4.983	128	22634	5.397	ug/L	99
25) Chloroform	5.096	83	98047	5.068	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	71109	5.614	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	77473	5.378	ug/L	98
30) Cyclohexane	5.395	56	82144	4.979	ug/L	99
31) Carbon tetrachloride	5.533	117	58568	5.195	ug/L	99
33) Benzene	5.780	78	208985	5.326	ug/L	100
34) Trichloroethene	6.549	95	51140	5.265	ug/L	99
35) Methylcyclohexane	6.768	83	75783	4.747	ug/L	97
37) 1,2-Dichloropropane	6.797	63	57552	5.474	ug/L	99
38) Bromodichloromethane	7.112	83	68005	5.334	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	73430	4.929	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	479097	58.539	ug/L	99
42) Toluene	7.973	91	215730	5.264	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	64672	5.088	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	41694	5.577	ug/L	97
47) Tetrachloroethene	8.558	164	33044	4.899	ug/L	99
48) 2-Hexanone	8.694	43	350824	57.591	ug/L	99
49) Dibromochloromethane	8.816	129	41715	5.311	ug/L	96
50) 1,2-Dibromoethane	8.928	107	38449	5.463	ug/L	99
51) Chlorobenzene	9.452	112	127290	5.010	ug/L	99
52) Ethylbenzene	9.575	91	224063	5.048	ug/L	100
53) m,p-Xylene	9.697	106	85103	5.042	ug/L	99
54) o-Xylene	10.105	106	82602	5.123	ug/L	99
55) Styrene	10.118	104	145222	5.145	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	56424	5.621	ug/L	99
59) Bromoform	10.295	173	22174	5.472	ug/L	98
60) Isopropylbenzene	10.488	105	217214	5.322	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	41799	5.802	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	174705	5.154	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	182688	5.248	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	95285	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	96648	4.923	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	94471	5.230	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	9170	5.788	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	66896	4.624	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	53810	4.410	ug/L	99
71) Naphthalene	14.092	128	106106	4.457	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	52100	4.638	ug/L	100

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

