

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
 Data File : VU044653.D
 Acq On : 15 Sep 2021 19:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005109

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 12:12:03 PM

Quant Time: Sep 16 01:46:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 16 01:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	130783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	132948	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	66234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29137	3.776	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.919	69	33515	4.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.571	65	15885	4.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.642	46	167806	51.875	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.760%
24) Chloroform-d	5.070	84	78947	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.710	65	46006	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.735	84	148719	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.697	67	51095	4.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.902	98	128168	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.185	79	16706	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.645	63	128894	51.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.200%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47213	4.783	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	48145	4.405	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52184	5.004	ug/L	100
3) Chloromethane	1.520	50	65627	5.234	ug/L	99
5) Vinyl chloride	1.607	62	66833	5.226	ug/L	96
6) Bromomethane	1.861	94	31562	4.816	ug/L	99
8) Chloroethane	1.938	64	41813	5.130	ug/L	99
9) Trichlorofluoromethane	2.144	101	78477	5.450	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	48240	5.457	ug/L	98
12) 1,1-Dichloroethene	2.584	96	45088	5.366	ug/L	94
13) Acetone	2.649	43	111274m	52.815	ug/L	
14) Carbon disulfide	2.800	76	129052	4.851	ug/L	100
15) Methyl Acetate	2.961	43	18478	4.857	ug/L	100
16) Methylene chloride	3.054	84	67204	5.030	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	124166	5.346	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	47478	5.316	ug/L	97
19) 1,1-Dichloroethane	3.877	63	98523	5.456	ug/L	99
21) 2-Butanone	4.719	43	187930m	53.422	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	53154	5.398	ug/L	100
23) Bromochloromethane	4.983	128	22531	5.402	ug/L	98
25) Chloroform	5.095	83	101327	5.266	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	70993	5.635	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	77734	5.366	ug/L	98
30) Cyclohexane	5.394	56	83895	5.057	ug/L	100
31) Carbon tetrachloride	5.533	117	59741	5.269	ug/L	99
33) Benzene	5.780	78	212949	5.397	ug/L	100
34) Trichloroethene	6.549	95	51127	5.234	ug/L	98
35) Methylcyclohexane	6.767	83	79531	4.955	ug/L	99
37) 1,2-Dichloropropane	6.796	63	59148	5.594	ug/L	99
38) Bromodichloromethane	7.111	83	69946	5.456	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	76210	5.088	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	451006	54.801	ug/L	100
42) Toluene	7.973	91	218553	5.304	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	65718	5.141	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	41409	5.508	ug/L	100
47) Tetrachloroethene	8.558	164	34706	5.117	ug/L	95
48) 2-Hexanone	8.693	43	327851	53.521	ug/L	99
49) Dibromochloromethane	8.816	129	42163	5.338	ug/L	98
50) 1,2-Dibromoethane	8.928	107	38289	5.410	ug/L	99
51) Chlorobenzene	9.452	112	133071	5.209	ug/L	99
52) Ethylbenzene	9.574	91	228701	5.124	ug/L	99
53) m,p-Xylene	9.700	106	87002	5.126	ug/L	99
54) o-Xylene	10.105	106	85477	5.272	ug/L	100
55) Styrene	10.118	104	150551	5.304	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	56349	5.583	ug/L	99
59) Bromoform	10.295	173	22335	5.426	ug/L	99
60) Isopropylbenzene	10.488	105	223739	5.396	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	41094	5.615	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	181637	5.275	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	187099	5.291	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	99462	5.145	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	100763	5.052	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	97509	5.314	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8587	5.335	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	70251	4.780	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	55349	4.465	ug/L	99
71) Naphthalene	14.089	128	104423	4.318	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	53010	4.646	ug/L	99

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

