

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU046007.D
 Acq On : 24 Nov 2021 20:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005136

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Semsettin Yesilyurt 11/29/2021

Quant Time: Nov 26 00:23:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90731	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	89692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28818	4.009	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	80.200%		
7) Chloroethane-d5	1.916	69	25083	4.793	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.800%		
11) 1,1-Dichloroethene-d2	2.572	65	12184	4.041	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	80.800%		
20) 2-Butanone-d5	4.655	46	122805	63.748	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	127.500%		
24) Chloroform-d	5.067	84	56964	4.756	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.200%		
26) 1,2-Dichloroethane-d4	5.707	65	34829	4.956	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.200%		
32) Benzene-d6	5.732	84	115607	4.681	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.600%		
36) 1,2-Dichloropropane-d6	6.694	67	36929	4.744	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.800%		
41) Toluene-d8	7.899	98	101297	4.534	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	90.600%		
43) trans-1,3-Dichloroprop...	8.179	79	15866	5.021	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	100.400%		
46) 2-Hexanone-d5	8.636	63	89593	62.989	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	125.980%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38242	5.815	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	116.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	40437	5.143	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	102.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	33661	4.556	ug/L	99
3) Chloromethane	1.520	50	30853	3.941	ug/L	98
5) Vinyl chloride	1.607	62	33915	4.316	ug/L	98
6) Bromomethane	1.861	94	16198	3.476	ug/L	97
8) Chloroethane	1.938	64	20541	4.585	ug/L	98
9) Trichlorofluoromethane	2.144	101	48916	4.822	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28843	4.849	ug/L	100
12) 1,1-Dichloroethene	2.584	96	26105	4.648	ug/L	83
13) Acetone	2.694	43	61565m	54.297	ug/L	
14) Carbon disulfide	2.797	76	70243	3.954	ug/L	99
15) Methyl Acetate	2.970	43	15999	5.751	ug/L	98
16) Methylene chloride	3.051	84	32489	3.918	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	78942	5.399	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	28250	4.692	ug/L	91
19) 1,1-Dichloroethane	3.874	63	53675	4.759	ug/L	99
21) 2-Butanone	4.732	43	108140	56.684	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	32442	4.970	ug/L	99
23) Bromochloromethane	4.977	128	15319	5.384	ug/L	97
25) Chloroform	5.092	83	59574	4.869	ug/L	97

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27) 1,2-Dichloroethane	5.797	62	37596	4.815	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	48908	5.019	ug/L	99
30) Cyclohexane	5.395	56	43769	4.529	ug/L	98
31) Carbon tetrachloride	5.526	117	40469	4.938	ug/L	100
33) Benzene	5.777	78	119336	4.768	ug/L	100
34) Trichloroethene	6.546	95	31336	4.858	ug/L	98
35) Methylcyclohexane	6.764	83	44856	4.528	ug/L	99
37) 1,2-Dichloropropane	6.793	63	32439	4.925	ug/L	98
38) Bromodichloromethane	7.108	83	41215	5.071	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	45776	4.891	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	253129	58.591	ug/L	98
42) Toluene	7.970	91	130261	5.042	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	41974	5.155	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	26741	5.469	ug/L	95
47) Tetrachloroethene	8.555	164	22456	4.973	ug/L	97
48) 2-Hexanone	8.690	43	191897	61.484	ug/L	97
49) Dibromochloromethane	8.813	129	30137	5.411	ug/L	97
50) 1,2-Dibromoethane	8.925	107	26152	5.677	ug/L	99
51) Chlorobenzene	9.449	112	83737	5.167	ug/L	99
52) Ethylbenzene	9.571	91	139303	5.151	ug/L	98
53) m,p-Xylene	9.697	106	54670	5.278	ug/L	98
54) o-Xylene	10.102	106	52542	5.256	ug/L	95
55) Styrene	10.115	104	92336	5.487	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	34688	5.539	ug/L	95
59) Bromoform	10.292	173	17338	5.716	ug/L	98
60) Isopropylbenzene	10.488	105	141753	5.273	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	27148	5.711	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	116051	5.279	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	116537	5.291	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	66535	5.305	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	65746	5.160	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	64220	5.340	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5013	5.069	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	47875	5.103	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	41218	5.192	ug/L	100
71) Naphthalene	14.086	128	88541	5.428	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	40862	5.173	ug/L	98

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

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