

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045794.D
 Acq On : 15 Nov 2021 16:10
 Operator : SY/MD
 Sample : MDL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 16 03:29:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	105066	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	105140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	47014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	35668	4.285	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	85.600%		
7) Chloroethane-d5	1.919	69	28036	4.627	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.600%		
11) 1,1-Dichloroethene-d2	2.572	65	15126	4.332	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	86.600%		
20) 2-Butanone-d5	4.671	46	107993	48.410	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	96.820%		
24) Chloroform-d	5.070	84	62586	4.513	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.200%		
26) 1,2-Dichloroethane-d4	5.707	65	38140	4.687	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.800%		
32) Benzene-d6	5.732	84	129196	4.462	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.200%		
36) 1,2-Dichloropropane-d6	6.694	67	41375	4.534	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.600%		
41) Toluene-d8	7.903	98	112086	4.279	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	85.600%		
43) trans-1,3-Dichloroprop...	8.182	79	16431	4.435	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	88.800%		
46) 2-Hexanone-d5	8.639	63	84557	50.714	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	101.420%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38405	4.982	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	99.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	41157	5.098	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	102.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1623	0.190	ug/L	91
3) Chloromethane	1.520	50	3338	0.368	ug/L	96
5) Vinyl chloride	1.607	62	1997	0.219	ug/L #	70
6) Bromomethane	1.861	94	1192	0.221	ug/L	97
8) Chloroethane	1.938	64	1429	0.275	ug/L #	81
9) Trichlorofluoromethane	2.144	101	2448	0.208	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1855	0.269	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	1644	0.253	ug/L #	1
13) Acetone	2.716	43	3042m	2.317	ug/L	
14) Carbon disulfide	2.800	76	4302	0.209	ug/L	98
15) Methyl Acetate	2.980	43	785m	0.244	ug/L	
16) Methylene chloride	3.051	84	2565	0.267	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	3251	0.192	ug/L	95
18) trans-1,2-Dichloroethene	3.359	96	1366	0.196	ug/L	91
19) 1,1-Dichloroethane	3.877	63	2412	0.185	ug/L	93
21) 2-Butanone	4.739	43	5517m	2.497	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	1453	0.192	ug/L	93
23) Bromochloromethane	4.983	128	583	0.177	ug/L	96
25) Chloroform	5.092	83	6696	0.473	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	1983	0.219	ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	2264	0.198	ug/L	94
30) Cyclohexane	5.395	56	2062	0.182	ug/L	93
31) Carbon tetrachloride	5.523	117	1869	0.195	ug/L	99
33) Benzene	5.780	78	6393	0.218	ug/L	100
34) Trichloroethene	6.549	95	1716	0.227	ug/L	93
35) Methylcyclohexane	6.764	83	2240	0.193	ug/L	95
37) 1,2-Dichloropropane	6.797	63	1538	0.199	ug/L #	88
38) Bromodichloromethane	7.112	83	1927	0.202	ug/L #	95
39) cis-1,3-Dichloropropene	7.610	75	2218	0.202	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	9726	1.920	ug/L #	86
42) Toluene	7.973	91	7729	0.255	ug/L	93
44) trans-1,3-Dichloropropene	8.214	75	1992	0.209	ug/L	95
45) 1,1,2-Trichloroethane	8.404	97	1198	0.209	ug/L	96
47) Tetrachloroethene	8.555	164	1081	0.204	ug/L	81
48) 2-Hexanone	8.690	43	18445	5.041	ug/L #	97
49) Dibromochloromethane	8.813	129	1255	0.192	ug/L	90
50) 1,2-Dibromoethane	8.928	107	1089	0.202	ug/L #	98
51) Chlorobenzene	9.452	112	3994	0.210	ug/L	93
52) Ethylbenzene	9.575	91	6244	0.197	ug/L	92
53) m,p-Xylene	9.697	106	2412	0.199	ug/L	93
54) o-Xylene	10.102	106	1968	0.168	ug/L	84
55) Styrene	10.121	104	3129	0.159	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.787	83	1632	0.222	ug/L #	96
59) Bromoform	10.295	173	727	0.233	ug/L #	93
60) Isopropylbenzene	10.488	105	5144	0.186	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	1188	0.243	ug/L	94
62) 1,3,5-Trimethylbenzene	11.092	105	4055	0.180	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	3923	0.173	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	2950	0.229	ug/L	89
65) 1,4-Dichlorobenzene	11.838	146	4018	0.307	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	2975	0.241	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	1959	0.203	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	1641	0.201	ug/L	92
71) Naphthalene	14.089	128	3223	0.192	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.333	180	1729	0.213	ug/L #	88

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

