Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102721\
Data File : VX024974.D
Acq On : 27 Oct 2021 14:44
Operator : JC/MD
Sample : MDL01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
10/28/2021 12:34:17 PM

Quant Time: Oct 28 03:12:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 28 03:09:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	72058	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	67027	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	10803	5.107	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.200%			
7) Chloroethane-d5	1.672	69	8281	4.345	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.800%			
11) 1,1-Dichloroethene-d2	2.306	63	27269	3.458	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.200%			
20) 2-Butanone-d5	4.483	46	33531	43.353	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.700%			
24) Chloroform-d	5.068	84	48980	4.809	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.200%			
26) 1,2-Dichloroethane-d4	5.964	65	25776	4.631	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
32) Benzene-d6	5.983	84	78553	5.030	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.600%			
36) 1,2-Dichloropropane-d6	7.318	67	22010	4.417	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	8.653	98	78585	5.019	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.400%			
43) trans-1,3-Dichloroprop...	8.952	79	11917	5.211	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.200%			
46) 2-Hexanone-d5	9.390	63	37156	45.143	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.280%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	17668	4.639	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.800%			
66) 1,2-Dichlorobenzene-d4	12.323	152	28028	4.899	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1211	0.146	ug/L	97
3) Chloromethane	1.288	50	379	0.131	ug/L	93
5) Vinyl chloride	1.374	62	590	0.167	ug/L #	1
6) Bromomethane	1.617	94	461	0.167	ug/L #	53
8) Chloroethane	1.697	64	384	0.181	ug/L #	82
9) Trichlorofluoromethane	1.892	101	1503	0.143	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	1481	0.269	ug/L #	79
12) 1,1-Dichloroethene	2.319	96	938	0.212	ug/L #	1
13) Acetone	2.422	43	1513m	2.608	ug/L	
14) Carbon disulfide	2.520	76	1656	0.137	ug/L #	66
16) Methylene chloride	2.794	84	1071	0.209	ug/L #	66
17) Methyl tert-butyl Ether	3.123	73	1988	0.156	ug/L	96
18) trans-1,2-Dichloroethene	3.099	96	715	0.139	ug/L	86
19) 1,1-Dichloroethane	3.617	63	1418	0.157	ug/L #	65
21) 2-Butanone	4.599	43	1218	1.427	ug/L #	62
22) cis-1,2-Dichloroethene	4.501	96	1227	0.222	ug/L #	63
23) Bromochloromethane	4.903	128	335m	0.134	ug/L	
25) Chloroform	5.099	83	2944m	0.251	ug/L	
27) 1,2-Dichloroethane	6.111	62	1353m	0.189	ug/L	

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29)	1,1,1-Trichloroethane	5.397	97	1973m	0.170	ug/L		
30)	Cyclohexane	5.483	56	1063	0.147	ug/L	#	88
31)	Carbon tetrachloride	5.684	117	1891	0.189	ug/L	#	59
33)	Benzene	6.037	78	3174	0.162	ug/L		100
34)	Trichloroethene	7.135	95	1240	0.194	ug/L	#	76
35)	Methylcyclohexane	7.385	83	1282	0.144	ug/L	#	83
37)	1,2-Dichloropropane	7.440	63	782	0.163	ug/L	#	87
38)	Bromodichloromethane	7.836	83	1418	0.178	ug/L	#	56
39)	cis-1,3-Dichloropropene	8.372	75	1078	0.134	ug/L		92
40)	4-Methyl-2-pentanone	8.574	43	2869	1.345	ug/L	#	81
42)	Toluene	8.720	91	5169	0.226	ug/L		80
44)	trans-1,3-Dichloropropene	8.982	75	1442	0.197	ug/L	#	81
45)	1,1,2-Trichloroethane	9.153	97	583	0.151	ug/L	#	66
47)	Tetrachloroethene	9.281	164	837	0.188	ug/L	#	50
48)	2-Hexanone	9.439	43	2379	1.528	ug/L		93
49)	Dibromochloromethane	9.531	129	766	0.152	ug/L		90
50)	1,2-Dibromoethane	9.610	107	788	0.204	ug/L	#	55
51)	Chlorobenzene	10.085	112	2244	0.154	ug/L		87
52)	Ethylbenzene	10.201	91	4232	0.157	ug/L		100
53)	m,p-xylene	10.305	106	1749	0.182	ug/L		72
54)	o-xylene	10.646	106	1454	0.156	ug/L		64
55)	Styrene	10.659	104	2332	0.149	ug/L		95
57)	1,1,2,2-Tetrachloroethane	11.207	83	767	0.173	ug/L	#	63
59)	Bromoform	10.799	173	452	0.192	ug/L	#	75
60)	Isopropylbenzene	10.963	105	3641	0.135	ug/L	#	88
61)	1,2,3-Trichloropropane	11.232	75	549	0.166	ug/L	#	73
62)	1,3,5-Trimethylbenzene	11.451	105	3191	0.135	ug/L		91
63)	1,2,4-Trimethylbenzene	11.756	105	3517	0.145	ug/L		98
64)	1,3-Dichlorobenzene	11.975	146	1252	0.111	ug/L	#	44
65)	1,4-Dichlorobenzene	12.042	146	1676	0.149	ug/L	#	75
67)	1,2-Dichlorobenzene	12.335	146	1273	0.123	ug/L	#	73
68)	1,2-Dibromo-3-chloropr...	12.951	75	109	0.135	ug/L	#	32
69)	1,3,5-Trichlorobenzene	13.115	180	1165	0.136	ug/L		94
70)	1,2,4-trichlorobenzene	13.591	180	726	0.107	ug/L	#	87
71)	Naphthalene	13.786	128	1088	0.089	ug/L	#	83
72)	1,2,3-Trichlorobenzene	13.969	180	625	0.103	ug/L	#	78

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

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