Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072120\
Data File : VX017461.D
Acq On : 21 Jul 2020 17:58
Operator : JC/SP
Sample : MDL07
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
7/22/2020 9:11:22 AM

Quant Time: Jul 22 06:57:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 06:14:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	363036	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	361061	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	157321	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	125287	4.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.60%			
7) Chloroethane-d5	1.69	69	84977	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.34	63	187164	3.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.20%			
20) 2-Butanone-d5	4.54	46	264974	50.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.46%			
24) Chloroform-d	5.14	84	227262	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	6.04	65	124074	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	6.05	84	444174	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	7.37	67	135550	5.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.00%			
41) Toluene-d8	8.70	98	398229	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
45) trans-1,3-Dichloropropene-	8.99	79	55133	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
48) 2-Hexanone-d5	9.43	63	196073	48.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.76%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	89323	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.80%			
65) 1,2-Dichlorobenzene-d4	12.36	152	146544	5.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	10337	0.259	ug/L	89
3) Chloromethane	1.31	50	9661	0.260	ug/L	91
5) Vinyl chloride	1.39	62	8454m	0.239	ug/L	
6) Bromomethane	1.64	94	5327	0.277	ug/L	85
8) Chloroethane	1.72	64	5082	0.262	ug/L	97
9) Trichlorofluoromethane	1.92	101	14003	0.275	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	8922	0.323	ug/L	92
12) 1,1-Dichloroethene	2.36	96	9324	0.363	ug/L #	1
13) Acetone	2.43	43	10308	2.422	ug/L	82
14) Carbon disulfide	2.55	76	21437	0.246	ug/L #	91
15) Methyl Acetate	2.75	43	4267	0.344	ug/L	95
16) Methylene chloride	2.84	84	13440	0.381	ug/L	88
17) Methyl tert-butyl Ether	3.17	73	13960	0.228	ug/L #	78
18) trans-1,2-Dichloroethene	3.14	96	7455	0.273	ug/L	86
19) 1,1-Dichloroethane	3.67	63	13285	0.276	ug/L	93
21) 2-Butanone	4.65	43	16778	2.475	ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	7014	0.260	ug/L #	86

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 06:14:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	4407	0.338 ug/L #	77
25) Chloroform	5.18	83	18731	0.370 ug/L	96
27) 1,2-Dichloroethane	6.17	62	9486	0.292 ug/L	97
29) 1,1,1-Trichloroethane	5.47	97	13139	0.271 ug/L #	89
30) Cyclohexane	5.55	56	10718	0.273 ug/L #	88
31) Carbon tetrachloride	5.76	117	10774	0.247 ug/L	94
33) Benzene	6.12	78	26236	0.247 ug/L	100
34) Trichloroethene	7.20	95	8084	0.282 ug/L	88
35) Methylcyclohexane	7.44	83	9094	0.234 ug/L #	91
37) 1,2-Dichloropropane	7.49	63	6179	0.231 ug/L #	94
38) Bromodichloromethane	7.88	83	9374	0.262 ug/L #	86
39) cis-1,3-Dichloropropene	8.42	75	8619	0.223 ug/L	91
40) 4-Methyl-2-pentanone	8.62	43	34839	2.228 ug/L #	96
42) Toluene	8.76	91	26946	0.253 ug/L	98
43) 1,3,5-Trimethylbenzene	11.49	105	18964	0.191 ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	18264	0.186 ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	10868	0.327 ug/L	87
47) 1,1,2-Trichloroethane	9.20	97	5361	0.293 ug/L #	80
49) Tetrachloroethene	9.32	164	6856	0.294 ug/L	87
50) 2-Hexanone	9.48	43	25464	2.231 ug/L #	91
51) Dibromochloromethane	9.57	129	6306	0.251 ug/L	92
52) 1,2-Dibromoethane	9.65	107	4605	0.254 ug/L	92
53) Chlorobenzene	10.12	112	18381	0.253 ug/L	85
54) Ethylbenzene	10.23	91	28395	0.246 ug/L	100
55) m,p-xylene	10.34	106	11457	0.248 ug/L	100
56) o-xylene	10.68	106	10022	0.224 ug/L	95
57) Styrene	10.70	104	14726	0.197 ug/L	83
58) Isopropylbenzene	11.00	105	25080	0.217 ug/L	95
60) 1,1,2,2-Tetrachloroethane	11.26	83	5833	0.268 ug/L #	93
62) Bromoform	10.85	173	3647	0.289 ug/L #	97
63) 1,3-Dichlorobenzene	12.01	146	13998	0.276 ug/L	99
64) 1,4-Dichlorobenzene	12.09	146	14253	0.286 ug/L	94
66) 1,2-Dichlorobenzene	12.38	146	12311	0.262 ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	1789	0.433 ug/L #	57
68) 1,3,5-Trichlorobenzene	13.15	180	11749	0.275 ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	8026	0.257 ug/L	90
70) Naphthalene	13.82	128	11821	0.216 ug/L #	90
71) 1,2,3-Trichlorobenzene	14.00	180	7823	0.271 ug/L	95

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

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