Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031121\
Data File : BG048360.D
Acq On : 11 Mar 2021 14:24
Operator : CG/JU
Sample : SSTD16001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD160001

Manual Integrations APPROVED
mohammad
3/12/2021 12:04:25 PM

Quant Time: Mar 11 15:11:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 11 13:21:22 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	48042	20.00	ng/ul	0.00
20) Naphthalene-d8	10.95	136	192152	20.00	ng/ul	0.01
38) Acenaphthene-d10	14.77	164	156840	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	360928	20.00	ng/ul	0.00
79) Chrysene-d12	21.82	240	363842	20.00	ng/ul	0.01
88) Perylene-d12	25.18	264	370837	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.93	84	575543	169.18	ng/ul	0.00
7) Phenol-d5	7.28	99	689776	158.55	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	7.45	67	395249	144.26	ng/ul	0.01
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.84	113	557000	162.74	ng/ul	0.02
21) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	11.08	131	705537	154.80	ng/ul	0.01
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.97	143	309736	116.66	ng/ul	0.03
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	15.89	200	355712	144.68	ng/ul	0.03
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.95	79	535842	151.969	ng/ul	96
6) Benzaldehyde	7.25	77	215678m	83.572	ng/ul	
8) Phenol	7.30	94	698477	153.459	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.55	93	501495	142.696	ng/ul	97
13) 2-Methylphenol	8.56	108	533349	159.661	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.66	45	574302	118.861	ng/ul#	97
16) Acetophenone	8.97	105	877007	148.330	ng/ul	97
18) 4-Methylphenol	8.91	108	555067	157.908	ng/ul	99
32) 4-Chloroaniline	11.11	127	697833	153.599	ng/ul	96
34) Caprolactam	11.93	113	191228m	150.251	ng/ul	
40) Hexachlorocyclopentadiene	12.95	237	708438	177.106	ng/ul	98
51) 3-Nitroaniline	14.68	138	301348	124.059	ng/ul#	92
53) 2,4-Dinitrophenol	14.88	184	268148	173.952	ng/ul#	85
55) 4-Nitrophenol	14.98	109	417155	158.624	ng/ul	90
63) 4-Nitroaniline	15.85	138	288634	125.318	ng/ul#	81
66) 4,6-Dinitro-2-methylphenol	15.90	198	367907	150.420	ng/ul#	89
70) Atrazine	16.98	200	670110	138.835	ng/ul	99
71) Pentachlorophenol	17.16	266	523590	254.385	ng/ul	99
77) Carbazole	17.93	167	2274256	128.339	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.71	252	1184107	136.129	ng/ul	95
89) Di-n-octyl phthalate	22.98	149	2979124	132.812	ng/ul	100

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

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