Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047695.D
Acq On : 10 Dec 2020 6:07
Operator : CG/JU
Sample : L4941-16
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B41

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:48 AM

Quant Time: Dec 10 08:07:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 07:18:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	35017	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	138511	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	115653	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	294217	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	269087	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	287986	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1408	2.14	ng/uL	0.00
5) Phenol-d5	7.36	99	34931	11.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	18780	12.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	27133	11.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	25770	10.83	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	13526	11.98	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	15893	11.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	34215	11.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	30764	11.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	114646	11.41	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	140099	12.21	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	14491	9.73	ng/ul	0.00
58) Fluorene-d10	15.82	176	109515	11.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	15320	7.69	ng/ul	0.00
71) Anthracene-d10	17.67	188	179695m	12.24	ng/ul	0.00
79) Pyrene-d10	19.94	212	211519	13.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	207771	12.35	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.38	94	6239	2.204	ng/ul#	76
45) Dimethylphthalate	14.27	163	20324	1.997	ng/ul#	88
70) Phenanthrene	17.62	178	99508	6.240	ng/ul	97
72) Anthracene	17.70	178	16013m	1.007	ng/ul	
77) Fluoranthene	19.61	202	273914	13.500	ng/ul	99
80) Pyrene	19.97	202	211258	10.795	ng/ul	99
83) Benzo(a)anthracene	21.83	228	113552	5.907	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.71	149	11742	1.285	ng/ul	97
85) Chrysene	21.90	228	134096m	7.391	ng/ul	
88) Benzo(b)fluoranthene	24.14	252	163860m	8.151	ng/ul	
89) Benzo(k)fluoranthene	24.20	252	60331	3.028	ng/ul	98
91) Benzo(a)pyrene	25.05	252	99968	5.514	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.07	276	67700m	3.062	ng/ul	
93) Dibenzo(a,h)anthracene	29.11	278	22207m	1.198	ng/ul	
94) Benzo(g,h,i)perylene	30.25	276	61579m	3.393	ng/ul	

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

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