Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047688.D
Acq On : 10 Dec 2020 1:23
Operator : CG/JU
Sample : L4941-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B28

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:21 AM

Quant Time: Dec 10 03:53:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 02:00:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	32772	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	129573	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	101692	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	263573	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	253115	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	267659	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1081	1.76	ng/uL	0.00
5) Phenol-d5	7.35	99	32471	11.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	17465	12.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	24236	11.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	18881	8.48	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	13566	12.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	14502	11.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	29889	10.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	29655	11.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	104161	11.79	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	126734	12.56	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	14017	10.70	ng/ul	0.00
58) Fluorene-d10	15.82	176	99420	12.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	15035	8.43	ng/ul	0.00
71) Anthracene-d10	17.67	188	160395	12.20	ng/ul	0.00
79) Pyrene-d10	19.94	212	192822	12.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.97	264	197098	12.61	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.38	94	5763	2.175	ng/ul	89
45) Dimethylphthalate	14.27	163	12123	1.355	ng/ul#	96
70) Phenanthrene	17.61	178	91649	6.415	ng/ul	97
72) Anthracene	17.71	178	18602	1.306	ng/ul	97
77) Fluoranthene	19.61	202	199268	10.963	ng/ul#	98
80) Pyrene	19.97	202	160507	8.719	ng/ul	99
83) Benzo(a)anthracene	21.83	228	89095	4.927	ng/ul	97
85) Chrysene	21.90	228	85945m	5.036	ng/ul	
88) Benzo(b)fluoranthene	24.15	252	113040	6.050	ng/ul	94
89) Benzo(k)fluoranthene	24.21	252	36573m	1.975	ng/ul	
91) Benzo(a)pyrene	25.05	252	71709	4.256	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.06	276	50611m	2.463	ng/ul	
94) Benzo(g,h,i)perylene	30.29	276	39605m	2.348	ng/ul	

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

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