Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047671.D
Acq On : 9 Dec 2020 13:13
Operator : CG/JU
Sample : L4862-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B62

Manual Integrations APPROVED
mohammad
12/9/2020 5:40:10 PM

Quant Time: Dec 09 14:06:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	25705	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	91497	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	70246	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	177191	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	185132	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	202083	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	3538	7.33	ng/uL	0.00
5) Phenol-d5	7.35	99	78709	35.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	39568	34.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	62295	37.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	63338	36.27	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	31808	42.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	38079	42.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	77292	39.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	77274	43.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	248249	40.69	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	290868	41.74	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	36142	39.94	ng/ul	0.00
58) Fluorene-d10	15.82	176	234290	41.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	43984	36.67	ng/ul	0.00
71) Anthracene-d10	17.67	188	370352	41.90	ng/ul	0.00
79) Pyrene-d10	19.94	212	441525	40.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	466299	39.51	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.38	94	5328	2.563	ng/ul	92
45) Dimethylphthalate	14.27	163	43976	7.115	ng/ul	98
70) Phenanthrene	17.62	178	35798	3.728	ng/ul#	93
77) Fluoranthene	19.61	202	109259	8.941	ng/ul#	99
80) Pyrene	19.97	202	85805	6.373	ng/ul#	97
83) Benzo(a)anthracene	21.83	228	52432	3.964	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.71	149	8316	1.323	ng/ul#	98
85) Chrysene	21.89	228	55088	4.413	ng/ul	97
88) Benzo(b)fluoranthene	24.14	252	79547	5.639	ng/ul#	96
89) Benzo(k)fluoranthene	24.19	252	29748m	2.128	ng/ul	
91) Benzo(a)pyrene	25.05	252	48433	3.807	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.05	276	39082m	2.519	ng/ul	
94) Benzo(g,h,i)perylene	30.27	276	34562m	2.714	ng/ul	

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

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