Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGY3

Manual Integrations APPROVED
mohammad
2/23/2021 3:42:37 PM

Quant Time: Feb 22 13:17:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 11:08:29 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	40002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	152412	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.75	164	101946	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	219323	20.00	ng/ul	0.01
78) Chrysene-d12	21.79	240	229727	20.00	ng/ul	0.02
86) Perylene-d12	25.10	264	223588	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	2759	2.87	ng/uL	0.01
5) Phenol-d5	7.33	99	72096	21.39	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.44	67	41714	20.78	ng/ul	0.01
9) 2-Chlorophenol-d4	7.67	132	52319	22.11	ng/ul	0.02
13) 4-Methylphenol-d8	8.87	113	57700	21.82	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	26307	23.11	ng/ul	0.01
22) 2-Nitrophenol-d4	10.02	143	33675	24.45	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	61794	22.91	ng/ul	0.02
29) 4-Chloroaniline-d4	11.09	131	22352	8.39	ng/ul	0.02
44) Dimethylphthalate-d6	14.16	166	179650	23.79	ng/ul	0.02
47) Acenaphthylene-d8	14.45	160	224551	24.33	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	27191	21.19	ng/ul	0.02
58) Fluorene-d10	15.74	176	160191	23.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	25516	18.98	ng/ul	0.01
71) Anthracene-d10	17.60	188	240144	25.54	ng/ul	0.01
79) Pyrene-d10	19.88	212	275449	24.01	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.87	264	279399	24.50	ng/ul	0.03
Target Compounds						Qvalue
4) Benzaldehyde	7.26	77	6759	3.411	ng/ul	95
6) Phenol	7.36	94	4889	1.405	ng/ul	91
14) Acetophenone	8.95	105	5193	1.206	ng/ul	97
45) Dimethylphthalate	14.20	163	101791	13.040	ng/ul#	97
72) Anthracene	17.63	178	12193	1.097	ng/ul#	85
76) Di-n-butylphthalate	18.44	149	13989	1.234	ng/ul#	91
77) Fluoranthene	19.54	202	60098	4.473	ng/ul	98
80) Pyrene	19.91	202	87810	6.152	ng/ul	96
83) Benzo(a)anthracene	21.76	228	43345	3.020	ng/ul#	85
85) Chrysene	21.83	228	69205	5.045	ng/ul	94
88) Benzo(b)fluoranthene	24.04	252	134087	9.550	ng/ul#	88
89) Benzo(k)fluoranthene	24.10	252	50702m	3.687	ng/ul	
91) Benzo(a)pyrene	24.94	252	60124	4.867	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	28.88	276	58821m	3.722	ng/ul	
93) Dibenzo(a,h)anthracene	28.92	278	18140m	1.373	ng/ul	
94) Benzo(g,h,i)perylene	30.06	276	38325m	2.916	ng/ul	

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

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