Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048165.D
Acq On : 16 Feb 2021 16:15
Operator : CG/JU
Sample : M1407-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGL0

Manual Integrations APPROVED
mohammad
2/17/2021 1:46:12 PM

Quant Time: Feb 16 17:32:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 06:21:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	230111	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	166354	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	400607	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	437970	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	445430	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	7688	5.59	ng/uL	0.00
5) Phenol-d5	7.25	99	37090	7.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	90276	31.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	86676	25.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	65801	17.37	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	51514	29.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	63454	30.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	113073	27.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	10901	2.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	417956	33.92	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	486725	32.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	17468	8.34	ng/ul	0.00
58) Fluorene-d10	15.72	176	376686	34.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	91724	37.34	ng/ul	0.00
71) Anthracene-d10	17.57	188	612689	35.67	ng/ul	0.00
79) Pyrene-d10	19.85	212	760386	34.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	802631	35.32	ng/ul	0.01
Target Compounds						Qvalue
24) 2,4-Dimethylphenol	10.11	107	10795	2.301	ng/ul#	86
28) Naphthalene	10.99	128	5354324	461.315	ng/ul#	74
34) 2-Methylnaphthalene	12.57	142	486755	55.174	ng/ul	97
40) 2,4,5-Trichlorophenol	13.24	196	6819m	1.821	ng/ul	
41) 1,1'-Biphenyl	13.56	154	164059	14.376	ng/ul	96
48) Acenaphthylene	14.45	152	42895	3.184	ng/ul	97
50) Acenaphthene	14.79	153	487524	48.218	ng/ul	93
54) Dibenzofuran	15.12	168	491380	33.300	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	27294	7.129	ng/ul#	94
59) Fluorene	15.77	166	243007	20.370	ng/ul#	95
64) 4,6-Dinitro-2-methylphenol	15.83	198	22179	9.062	ng/ul#	84
69) Pentachlorophenol	17.11	266	96010m	34.257	ng/ul	
70) Phenanthrene	17.51	178	339294	16.857	ng/ul	99
72) Anthracene	17.60	178	29382	1.447	ng/ul	95
75) Carbazole	17.87	167	1320546	77.771	ng/ul	93
77) Fluoranthene	19.51	202	39862	1.624	ng/ul	99

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

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