Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048175.D
Acq On : 16 Feb 2021 23:01
Operator : CG/JU
Sample : M1407-23MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGJ8MSD

Manual Integrations APPROVED
mohammad
2/17/2021 1:46:25 PM

Quant Time: Feb 17 03:28:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 23:25:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56124	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	223511	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	175285	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	436603	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	480096	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	483502	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6132	4.55	ng/uL	0.00
5) Phenol-d5	7.25	99	33313	7.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	82095	29.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	81597	24.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	61011	16.45	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	51184	30.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	62049	30.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	109702	27.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	11719m	3.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	453483	34.93	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	485836	30.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	19541	8.86	ng/ul	0.01
58) Fluorene-d10	15.71	176	389572	33.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	101615	37.96	ng/ul	0.00
71) Anthracene-d10	17.56	188	695283	37.14	ng/ul	0.00
79) Pyrene-d10	19.85	212	837128	34.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	903210	36.62	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.28	94	41179	8.434	ng/ul	91
10) 2-Chlorophenol	7.66	128	81676	23.259	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.90	70	100783	30.041	ng/ul	93
28) Naphthalene	10.97	128	82966	7.359	ng/ul	99
33) 4-Chloro-3-methylphenol	12.17	107	125363	29.927	ng/ul	98
45) Dimethylphthalate	14.17	163	22331	1.664	ng/ul#	98
50) Acenaphthene	14.79	153	723237	67.886	ng/ul	97
53) 4-Nitrophenol	14.93	109	22799	9.154	ng/ul#	79
54) Dibenzofuran	15.12	168	18454	1.187	ng/ul	89
55) 2,4-Dinitrotoluene	15.08	165	143063	35.284	ng/ul#	100
59) Fluorene	15.77	166	204844	16.296	ng/ul	99
69) Pentachlorophenol	17.12	266	130156	42.612	ng/ul#	88
70) Phenanthrene	17.51	178	103439	4.715	ng/ul	98
75) Carbazole	17.87	167	819892	44.305	ng/ul	96
80) Pyrene	19.88	202	959080	32.154	ng/ul	100

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

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