Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047385.D
Acq On : 20 Nov 2020 21:41
Operator : CG/JU
Sample : L4711-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B01

Manual Integrations APPROVED
mohammad
11/23/2020 1:29:54 PM

Quant Time: Nov 21 03:34:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	42718	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	164969	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	119489	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	284540	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	258069	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	271120	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	4035	3.43	ng/uL	0.00
5) Phenol-d5	7.40	99	99919	23.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	55563	22.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	68139	23.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	78886	23.96	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	34055	24.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	40440	27.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	85838	25.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	90156	26.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	269349	26.26	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	324148	27.34	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	41071	26.24	ng/ul	0.00
58) Fluorene-d10	15.87	176	241993	25.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	39303	24.27	ng/ul	0.00
71) Anthracene-d10	17.72	188	377674	26.76	ng/ul	0.00
79) Pyrene-d10	19.98	212	404180	26.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	404216	25.90	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.33	163	101380	9.689	ng/ul#	97
70) Phenanthrene	17.66	178	22979	1.495	ng/ul#	91
77) Fluoranthene	19.65	202	57849	2.981	ng/ul	98
80) Pyrene	20.01	202	48941	2.677	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	29532	1.608	ng/ul	96
85) Chrysene	21.95	228	29906m	1.711	ng/ul	
88) Benzo(b)fluoranthene	24.21	252	38434m	2.008	ng/ul	
91) Benzo(a)pyrene	25.13	252	25095m	1.471	ng/ul	
94) Benzo(g,h,i)perylene	30.41	276	18348m	1.071	ng/ul	

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

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