Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2B7

Manual Integrations APPROVED
mohammad
10/30/2020 12:09:21 PM

Quant Time: Oct 29 13:30:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	240547	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	176523	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	420631	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	390710	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	407197	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	3951	2.61	ng/uL	0.00
5) Phenol-d5	7.21	99	66790	12.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	44795	14.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	55857	13.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	50584	11.94	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	28680	14.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	33920	14.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	63595	13.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	48267m	12.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	225195	15.52	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	256581	14.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	27583	12.07	ng/ul	0.00
58) Fluorene-d10	15.68	176	207290	15.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	17370	5.99	ng/ul	0.00
71) Anthracene-d10	17.53	188	313273	15.37	ng/ul	0.00
79) Pyrene-d10	19.82	212	336492	15.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	314895	14.07	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.14	163	68359	4.693	ng/ul	97
70) Phenanthrene	17.48	178	42583	1.805	ng/ul	94
77) Fluoranthene	19.48	202	107238	3.777	ng/ul	98
80) Pyrene	19.84	202	87861	3.286	ng/ul	99
83) Benzo(a)anthracene	21.69	228	51526	1.947	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	22465	1.649	ng/ul	98
85) Chrysene	21.75	228	50817	1.996	ng/ul	95
88) Benzo(b)fluoranthene	23.91	252	73812	2.729	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	27705m	1.057	ng/ul	
91) Benzo(a)pyrene	24.79	252	43350	1.780	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	28.63	276	38253m	1.264	ng/ul	
94) Benzo(g,h,i)perylene	29.78	276	33422m	1.321	ng/ul	

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

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