Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047694.D
Acq On : 10 Dec 2020 5:26
Operator : CG/JU
Sample : L4941-17
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B46

Manual Integrations APPROVED
mohammad
12/10/2020 8:38:44 AM

Quant Time: Dec 10 07:47:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 05:36:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	38234	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	148755	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	122141	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	298836	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	265452	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	279859	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1838	2.56	ng/uL	0.00
5) Phenol-d5	7.35	99	37368	11.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	20713	12.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	31045	12.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	24943	9.60	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	15310	12.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	17857	12.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	37216	11.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	36323	12.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	126286	11.90	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	155116	12.80	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	14854	9.44	ng/ul	0.00
58) Fluorene-d10	15.82	176	115942	11.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	17788	8.79	ng/ul	0.00
71) Anthracene-d10	17.67	188	183407	12.30	ng/ul	0.00
79) Pyrene-d10	19.94	212	223705	14.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	217923	13.33	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.38	94	8296	2.684	ng/ul#	87
45) Dimethylphthalate	14.27	163	29085	2.706	ng/ul	96
70) Phenanthrene	17.62	178	62178	3.839	ng/ul	96
77) Fluoranthene	19.61	202	140062	6.796	ng/ul#	99
80) Pyrene	19.97	202	112424	5.823	ng/ul	99
83) Benzo(a)anthracene	21.83	228	55004m	2.900	ng/ul	
85) Chrysene	21.89	228	56291	3.145	ng/ul	94
88) Benzo(b)fluoranthene	24.14	252	71636	3.667	ng/ul#	97
89) Benzo(k)fluoranthene	24.20	252	30378m	1.569	ng/ul	
91) Benzo(a)pyrene	25.06	252	46622m	2.646	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.07	276	35295	1.643	ng/ul#	93
94) Benzo(g,h,i)perylene	30.27	276	30968m	1.756	ng/ul	

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

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