Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB8A0

Manual Integrations APPROVED
mohammad
12/24/2020 10:44:48 AM

Quant Time: Dec 24 08:12:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 05:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	35084	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	130296	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	98475	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	224774	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	204275	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	202549	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5517	8.37	ng/uL	0.00
5) Phenol-d5	7.33	99	112730	37.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	55826	36.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	81448	35.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	82519	34.62	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	41225	38.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	50647	39.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	100652	36.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	105036	41.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	290426	33.95	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	366310	37.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42118	33.20	ng/ul	0.00
58) Fluorene-d10	15.81	176	266315	33.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	51065m	33.56	ng/ul	0.00
71) Anthracene-d10	17.66	188	404221	36.05	ng/ul	0.00
79) Pyrene-d10	19.93	212	439012	36.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	444009	37.53	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.08	128	10516	1.447	ng/ul#	90
50) Acenaphthene	14.88	153	8027	1.253	ng/ul#	83
59) Fluorene	15.87	166	9640	1.206	ng/ul#	89
70) Phenanthrene	17.60	178	161313	13.241	ng/ul	98
72) Anthracene	17.69	178	31873	2.625	ng/ul	97
75) Carbazole	17.95	167	12433	1.284	ng/ul#	90
77) Fluoranthene	19.59	202	297761	19.209	ng/ul#	99
80) Pyrene	19.96	202	249059	16.764	ng/ul	99
83) Benzo(a)anthracene	21.81	228	145126	9.944	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	8083	1.165	ng/ul#	88
85) Chrysene	21.88	228	132431	9.615	ng/ul	96
88) Benzo(b)fluoranthene	24.12	252	188506	13.332	ng/ul#	94
89) Benzo(k)fluoranthene	24.17	252	53987m	3.853	ng/ul	
91) Benzo(a)pyrene	25.02	252	120075	9.417	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.00	276	78521m	5.050	ng/ul	
93) Dibenzo(a,h)anthracene	29.06	278	25466m	1.954	ng/ul	
94) Benzo(g,h,i)perylene	30.20	276	77393m	6.062	ng/ul	

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

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