Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004310.D
Acq On : 15 Dec 2020 18:34
Operator : CG/JU
Sample : L5001-13DL 10X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54D1DL

Manual Integrations APPROVED
mohammad
12/17/2020 9:53:00 AM

Quant Time: Dec 16 00:45:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	274081	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1122598	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	704927	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	1557968	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	1529051	20.00	ng/ul	0.01
86) Perylene-d12	23.72	264	1764821	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	1568	0.20	ng/uL	0.00
5) Phenol-d5	7.00	99	34635	1.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	19431	1.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	28495	1.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	26894	1.57	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	14041	1.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	14974	1.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	27235	1.63	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	21971	1.06	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	81603	1.51	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	108055	1.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	10030	1.10	ng/ul	0.01
58) Fluorene-d10	15.49	176	73444	1.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.63	200	4986	0.67	ng/ul	0.02
71) Anthracene-d10	17.35	188	123369	1.62	ng/ul	0.00
79) Pyrene-d10	19.60	212	135660	1.70	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.57	264	150481	1.62	ng/ul	0.02
Target Compounds						Qvalue
50) Acenaphthene	14.56	153	117198	2.426	ng/ul	100
54) Dibenzofuran	14.89	168	117575	1.727	ng/ul	99
59) Fluorene	15.55	166	162231	2.979	ng/ul	99
70) Phenanthrene	17.30	178	2482439	27.008	ng/ul	100
72) Anthracene	17.39	178	652052	7.170	ng/ul	100
75) Carbazole	17.66	167	220558	2.981	ng/ul	99
77) Fluoranthene	19.27	202	3749275	38.202	ng/ul	98
80) Pyrene	19.62	202	3169115	30.726	ng/ul	97
83) Benzo(a)anthracene	21.33	228	1672818	16.597	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.26	149	223293	4.844	ng/ul#	95
85) Chrysene	21.39	228	1448414	14.649	ng/ul	98
88) Benzo(b)fluoranthene	23.00	252	1758182	15.709	ng/ul	97
89) Benzo(k)fluoranthene	23.04	252	628997m	5.472	ng/ul	
91) Benzo(a)pyrene	23.62	252	1349880	12.925	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	26.16	276	854213	6.522	ng/ul	94
93) Dibenzo(a,h)anthracene	26.16	278	237155	2.160	ng/ul#	86
94) Benzo(g,h,i)perylene	26.92	276	617870	5.623	ng/ul	95

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

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