Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004304.D
Acq On : 15 Dec 2020 15:03
Operator : CG/JU
Sample : L5001-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54D5

Manual Integrations APPROVED
mohammad
12/17/2020 9:52:45 AM

Quant Time: Dec 15 16:04:21 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	7.84	152	295302	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1251395	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	773280	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1624774	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1492995	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	1684983	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	17068	2.03	ng/uL	0.00
5) Phenol-d5	7.00	99	456473	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	234785	15.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	358908	19.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	358934	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	179116	17.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	182666	21.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	371134	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	300292	13.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1092212	18.48	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1437039	19.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	105175	10.54	ng/ul	0.00
58) Fluorene-d10	15.48	176	965374	18.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.61	200	16176	2.08	ng/ul	0.00
71) Anthracene-d10	17.35	188	1478750	18.67	ng/ul	0.00
79) Pyrene-d10	19.59	212	1591338	20.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	1694369	19.09	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.03	94	67494	2.646	ng/ul	97
45) Dimethylphthalate	13.93	163	226354	3.760	ng/ul	100
70) Phenanthrene	17.29	178	2188539	22.832	ng/ul	100
72) Anthracene	17.38	178	273047	2.879	ng/ul	98
75) Carbazole	17.65	167	398942	5.169	ng/ul	99
77) Fluoranthene	19.26	202	6468723	63.201	ng/ul	98
80) Pyrene	19.62	202	5223562	51.867	ng/ul	98
83) Benzo(a)anthracene	21.33	228	2445029	24.845	ng/ul	96
85) Chrysene	21.38	228	3236515	33.524	ng/ul	97
88) Benzo(b)fluoranthene	23.00	252	4925532	46.095	ng/ul	95
89) Benzo(k)fluoranthene	23.04	252	1241656m	11.314	ng/ul	
91) Benzo(a)pyrene	23.62	252	2818158	28.262	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	26.16	276	2503330	20.019	ng/ul#	94
93) Dibenzo(a,h)anthracene	26.17	278	568492	5.424	ng/ul#	83
94) Benzo(g,h,i)perylene	26.92	276	2007385	19.134	ng/ul	94

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

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