Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004313.D
Acq On : 15 Dec 2020 20:16
Operator : CG/JU
Sample : L5001-10DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54C8DL

Manual Integrations APPROVED
mohammad
12/17/2020 9:53:09 AM

Quant Time: Dec 16 01:39:39 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	321412	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1325477	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	831079	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	1837847	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	1784920	20.00	ng/ul	0.01
86) Perylene-d12	23.72	264	2013007	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	1541	0.17	ng/uL	0.00
5) Phenol-d5	7.00	99	28441	1.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	15996	0.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	22486	1.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	21027	1.05	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	11377	1.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	11851	1.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	24130	1.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	22940	0.94	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	74168	1.17	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	98276	1.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	8853	0.83	ng/ul	0.01
58) Fluorene-d10	15.49	176	66760	1.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.62	200	709	0.08	ng/ul	0.01
71) Anthracene-d10	17.35	188	121048	1.35	ng/ul	0.00
79) Pyrene-d10	19.59	212	132352	1.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.57	264	141498	1.33	ng/ul	0.02
Target Compounds						Qvalue
70) Phenanthrene	17.30	178	924184	8.524	ng/ul	100
72) Anthracene	17.39	178	154849	1.444	ng/ul	99
75) Carbazole	17.66	167	115290	1.321	ng/ul	99
77) Fluoranthene	19.27	202	1378168	11.904	ng/ul	97
80) Pyrene	19.62	202	1142203	9.487	ng/ul	97
83) Benzo(a)anthracene	21.33	228	564412	4.797	ng/ul	97
85) Chrysene	21.39	228	535694	4.641	ng/ul	96
88) Benzo(b)fluoranthene	23.00	252	711198	5.571	ng/ul#	93
89) Benzo(k)fluoranthene	23.04	252	231869m	1.769	ng/ul	
91) Benzo(a)pyrene	23.62	252	483340	4.057	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.16	276	335720	2.247	ng/ul	94
94) Benzo(g,h,i)perylene	26.91	276	266689	2.128	ng/ul#	92

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

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