Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004306.D
Acq On : 15 Dec 2020 16:11
Operator : CG/JU
Sample : L5001-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54C2

Manual Integrations APPROVED
mohammad
12/17/2020 9:52:51 AM

Quant Time: Dec 15 17:36:06 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	349159	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1458848	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	895710	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	1851474	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	1712461	20.00	ng/ul	0.01
86) Perylene-d12	23.73	264	1933805	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	11851	1.19	ng/uL	0.00
5) Phenol-d5	7.01	99	291439	10.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	157323	8.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	234985	10.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	216616	9.93	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	116816	9.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	102864	10.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	243107	11.22	ng/ul	0.01
29) 4-Chloroaniline-d4	10.78	131	230385	8.58	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	704270	10.29	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	952677	10.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	89107	7.71	ng/ul	0.01
58) Fluorene-d10	15.49	176	637336	10.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.62	200	2394	0.27	ng/ul	0.01
71) Anthracene-d10	17.35	188	966865	10.72	ng/ul	0.00
79) Pyrene-d10	19.60	212	1001897	11.23	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.57	264	1104229	10.84	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.03	94	58940	1.954	ng/ul	95
45) Dimethylphthalate	13.94	163	133660	1.917	ng/ul	99
70) Phenanthrene	17.30	178	173178	1.585	ng/ul	97
77) Fluoranthene	19.27	202	674302	5.781	ng/ul	96
80) Pyrene	19.62	202	650216	5.629	ng/ul	97
83) Benzo(a)anthracene	21.33	228	314383	2.785	ng/ul#	87
85) Chrysene	21.39	228	429310	3.877	ng/ul#	90
88) Benzo(b)fluoranthene	23.00	252	710844	5.796	ng/ul#	80
89) Benzo(k)fluoranthene	23.05	252	201237m	1.598	ng/ul	
91) Benzo(a)pyrene	23.62	252	424630	3.711	ng/ul#	75
92) Indeno(1,2,3-cd)pyrene	26.17	276	370227	2.580	ng/ul#	92
94) Benzo(g,h,i)perylene	26.92	276	286197	2.377	ng/ul#	84

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

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