Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004277.D
Acq On : 14 Dec 2020 16:53
Operator : CG/JU
Sample : L5000-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54B9

Manual Integrations APPROVED
mohammad
12/17/2020 9:51:41 AM

Quant Time: Dec 15 00:31:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	291049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1229884	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	786989	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1684750	20.00	ng/ul	0.02
78) Chrysene-d12	21.35	240	1616920	20.00	ng/ul	0.02
86) Perylene-d12	23.72	264	1812353	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	16102	1.94	ng/uL	0.00
5) Phenol-d5	7.00	99	437408	18.17	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	225618	15.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	353938	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	333700	18.34	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	179585	17.83	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	201552	24.26	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	395923	21.67	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	335206	14.80	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1185507	19.71	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	1544743	20.12	ng/ul	0.02
52) 4-Nitrophenol-d4	14.69	143	160743	15.82	ng/ul	0.03
58) Fluorene-d10	15.49	176	1083894	19.90	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.61	200	39438	4.88	ng/ul	0.03
71) Anthracene-d10	17.35	188	1695912	20.65	ng/ul	0.01
79) Pyrene-d10	19.59	212	1827172	21.69	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	2039456	21.36	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.03	94	59801	2.379	ng/ul	99
45) Dimethylphthalate	13.94	163	241741	3.946	ng/ul	99
70) Phenanthrene	17.29	178	381811	3.841	ng/ul	99
77) Fluoranthene	19.26	202	1713994	16.150	ng/ul	96
80) Pyrene	19.62	202	1446174	13.259	ng/ul	96
83) Benzo(a)anthracene	21.33	228	716623	6.724	ng/ul	96
85) Chrysene	21.38	228	982126	9.393	ng/ul	96
88) Benzo(b)fluoranthene	23.00	252	1491473	12.977	ng/ul#	92
89) Benzo(k)fluoranthene	23.04	252	513021m	4.346	ng/ul	
91) Benzo(a)pyrene	23.62	252	870987	8.121	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.16	276	825521	6.138	ng/ul#	92
93) Dibenzo(a,h)anthracene	26.16	278	192600	1.709	ng/ul#	58
94) Benzo(g,h,i)perylene	26.91	276	697772	6.184	ng/ul#	91

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

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