Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004262.D
Acq On : 12 Dec 2020 16:51
Operator : CG/JU
Sample : L5000-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54B9

Manual Integrations APPROVED
mohammad
12/14/2020 2:46:26 PM

Quant Time: Dec 14 06:27:34 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	288576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1162941	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	718043	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1607039	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	1738542	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	1998824	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	17339	2.11	ng/uL	0.00
5) Phenol-d5	7.00	99	392784	16.45	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	206737	13.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	320791	17.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	293669	16.28	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	154278	16.20	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	159473	20.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	328676	19.03	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	315484	14.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	968878	17.65	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1300445	18.57	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	141289	15.24	ng/ul	0.02
58) Fluorene-d10	15.48	176	900898	18.13	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	14002	1.82	ng/ul	0.02
71) Anthracene-d10	17.35	188	1490530	19.03	ng/ul	0.01
79) Pyrene-d10	19.59	212	1729648	19.10	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	2042405	19.40	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.03	94	53067	2.129	ng/ul	97
45) Dimethylphthalate	13.94	163	198678	3.554	ng/ul	98
70) Phenanthrene	17.29	178	335850	3.542	ng/ul	99
77) Fluoranthene	19.26	202	1610945	15.913	ng/ul#	95
80) Pyrene	19.62	202	1363692	11.628	ng/ul	96
83) Benzo(a)anthracene	21.32	228	672403	5.868	ng/ul	95
85) Chrysene	21.37	228	1018649	9.061	ng/ul	96
88) Benzo(b)fluoranthene	22.99	252	1575520	12.429	ng/ul#	92
89) Benzo(k)fluoranthene	23.03	252	441889m	3.394	ng/ul	
91) Benzo(a)pyrene	23.60	252	887003	7.499	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	26.14	276	814037	5.488	ng/ul	93
93) Dibenzo(a,h)anthracene	26.14	278	192787	1.551	ng/ul#	61
94) Benzo(g,h,i)perylene	26.89	276	699602	5.621	ng/ul#	93

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

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