Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004291.D
Acq On : 15 Dec 2020 01:24
Operator : CG/JU
Sample : L5001-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54C9

Manual Integrations APPROVED
mohammad
12/17/2020 9:52:08 AM

Quant Time: Dec 15 02:28:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 01:07:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	407381	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1743194	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	1079880	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	2268264	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	2100111	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2341629	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	14509	1.25	ng/uL	0.00
5) Phenol-d5	7.00	99	325341	9.65	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	183587	8.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	267672	10.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	239980	9.42	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	137666	9.64	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	146538	12.44	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	279820	10.81	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	304085	9.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	844193	10.23	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1110544	10.54	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	108605	7.79	ng/ul	0.02
58) Fluorene-d10	15.48	176	745384	9.97	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	33430	3.07	ng/ul	0.02
71) Anthracene-d10	17.35	188	1138968	10.30	ng/ul	0.01
79) Pyrene-d10	19.59	212	1271800	11.62	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.55	264	1320392	10.70	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.03	94	58051	1.650	ng/ul	99
28) Naphthalene	10.68	128	138831	1.405	ng/ul	100
45) Dimethylphthalate	13.93	163	140923	1.676	ng/ul	99
50) Acenaphthene	14.55	153	291316	3.936	ng/ul	99
54) Dibenzofuran	14.89	168	213150	2.044	ng/ul	95
59) Fluorene	15.54	166	319530	3.831	ng/ul	99
70) Phenanthrene	17.29	178	4958986	37.058	ng/ul	99
72) Anthracene	17.38	178	990075	7.478	ng/ul	100
75) Carbazole	17.65	167	591233	5.488	ng/ul	100
77) Fluoranthene	19.26	202	8295763	58.058	ng/ul	98
80) Pyrene	19.62	202	6982424	49.289	ng/ul	97
83) Benzo(a)anthracene	21.32	228	3845713	27.781	ng/ul	97
85) Chrysene	21.37	228	3525655	25.962	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	4700549	31.654	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	1297728m	8.509	ng/ul	
91) Benzo(a)pyrene	23.60	252	3173237	22.899	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.13	276	2113294	12.161	ng/ul	96
93) Dibenzo(a,h)anthracene	26.14	278	567168	3.894	ng/ul#	92
94) Benzo(g,h,i)perylene	26.88	276	1542593	10.581	ng/ul	96

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

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