Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004348.D
Acq On : 17 Dec 2020 19:22
Operator : CG/JU
Sample : L5067-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54E2

Manual Integrations APPROVED
mohammad
12/18/2020 10:27:43 AM

Quant Time: Dec 18 00:55:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 00:21:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	246223	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.63	136	1031993	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.48	164	643794	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.24	188	1444993	20.00	ng/ul	-0.01
78) Chrysene-d12	21.34	240	1470272	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1606609	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	16492	2.35	ng/uL	-0.01
5) Phenol-d5	6.99	99	345699	16.97	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	194544	15.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	282092	18.25	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	264878	17.21	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	143123	16.93	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.71	143	157396	22.58	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	281743	18.38	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	298061	15.69	ng/ul	-0.01
44) Dimethylphthalate-d6	13.89	166	853593	17.35	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1139641	18.15	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.67	143	115233	13.87	ng/ul	-0.01
58) Fluorene-d10	15.48	176	770166	17.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	68844	9.93	ng/ul	-0.01
71) Anthracene-d10	17.34	188	1230334	17.47	ng/ul	-0.01
79) Pyrene-d10	19.58	212	1446977	18.89	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.55	264	1554080	18.36	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.02	94	124297	5.845	ng/ul	100
45) Dimethylphthalate	13.93	163	85629	1.709	ng/ul	98
48) Acenaphthylene	14.20	152	117458	1.885	ng/ul	99
70) Phenanthrene	17.29	178	667920	7.835	ng/ul	99
72) Anthracene	17.37	178	146837	1.741	ng/ul	99
77) Fluoranthene	19.26	202	1522653	16.728	ng/ul	97
80) Pyrene	19.61	202	1508548	15.211	ng/ul	97
83) Benzo(a)anthracene	21.32	228	847902	8.749	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.25	149	253469	5.718	ng/ul#	99
85) Chrysene	21.37	228	871787	9.169	ng/ul	98
88) Benzo(b)fluoranthene	22.99	252	1157885	11.365	ng/ul	98
89) Benzo(k)fluoranthene	23.03	252	385466m	3.684	ng/ul	
91) Benzo(a)pyrene	23.60	252	855641	9.000	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	26.13	276	608611	5.104	ng/ul	96
93) Dibenzo(a,h)anthracene	26.14	278	165213	1.653	ng/ul#	90
94) Benzo(g,h,i)perylene	26.87	276	561039	5.609	ng/ul	97

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

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