Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004268.D
Acq On : 14 Dec 2020 11:39
Operator : CG/JU
Sample : L5063-01DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD5DL

Manual Integrations APPROVED
mohammad
12/17/2020 9:47:57 AM

Quant Time: Dec 14 14:38:27 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	7.85	152	362722	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1456833	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	859394	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.26	188	1735760	20.00	ng/ul	0.02
78) Chrysene-d12	21.36	240	1764751	20.00	ng/ul	0.04
86) Perylene-d12	23.74	264	2051869	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	10108	0.98	ng/uL	0.00
5) Phenol-d5	7.00	99	264487	8.81	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	152052	8.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	221895	9.74	ng/ul	0.01
13) 4-Methylphenol-d8	8.54	113	195509	8.62	ng/ul	0.01
19) Nitrobenzene-d5	9.00	128	117142	9.82	ng/ul	0.02
22) 2-Nitrophenol-d4	9.72	143	122638	12.46	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	227262	10.50	ng/ul	0.02
29) 4-Chloroaniline-d4	10.76	131	361022	13.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	613837	9.35	ng/ul	0.02
47) Acenaphthylene-d8	14.18	160	851080	10.15	ng/ul	0.02
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.49	176	567577	9.54	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.36	188	875208	10.35	ng/ul	0.02
79) Pyrene-d10	19.60	212	997643	10.85	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.59	264	1093996	10.12	ng/ul	0.07
Target Compounds						Qvalue
28) Naphthalene	10.69	128	450096	5.450	ng/ul#	94
34) 2-Methylnaphthalene	12.30	142	1433881	25.805	ng/ul	98
41) 1,1'-Biphenyl	13.32	154	255360	3.543	ng/ul	99
45) Dimethylphthalate	13.94	163	73163	1.094	ng/ul#	68
48) Acenaphthylene	14.22	152	112140	1.348	ng/ul#	1
50) Acenaphthene	14.56	153	225170	3.823	ng/ul	94
54) Dibenzofuran	14.89	168	293453m	3.536	ng/ul	
59) Fluorene	15.55	166	357011	5.378	ng/ul#	82
70) Phenanthrene	17.30	178	4249851	41.501	ng/ul	97
72) Anthracene	17.39	178	554317m	5.471	ng/ul	
77) Fluoranthene	19.27	202	848105	7.756	ng/ul#	96
80) Pyrene	19.63	202	4431312	37.225	ng/ul	95
83) Benzo(a)anthracene	21.34	228	537868	4.624	ng/ul#	32
85) Chrysene	21.39	228	704300m	6.172	ng/ul	
88) Benzo(b)fluoranthene	23.02	252	400896m	3.081	ng/ul	
91) Benzo(a)pyrene	23.64	252	291483	2.401	ng/ul#	24
92) Indeno(1,2,3-cd)pyrene	26.19	276	156203	1.026	ng/ul#	60
94) Benzo(g,h,i)perylene	26.94	276	230414	1.804	ng/ul#	75

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

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