Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005609.D
Acq On : 11 May 2019 03:45
Operator : JU/SJ
Sample : K2604-01 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ75

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:52 AM

Quant Time: May 11 06:39:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	83482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	321824	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	190688	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	334080	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	276464	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	325112	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	330	0.19	ng/uL	0.00
5) Phenol-d5	6.78	99	8904	1.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	8362m	2.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	7908	1.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	7631	1.49	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	5737	2.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	4112	2.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	7975	1.73	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.63	166	31502	2.28	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	30485	1.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	1911m	0.87	ng/ul	0.00
57) Fluorene-d10	15.22	176	24682	2.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	792	0.53	ng/ul	0.01
70) Anthracene-d10	17.07	188	29905	2.14	ng/ul	0.00
78) Pyrene-d10	19.39	212	29695	2.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	26550	1.87	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.80	94	10132	1.502	ng/ul	90
11) 2-Methylphenol	8.03	108	22699	4.492	ng/ul	81
16) 4-Methylphenol	8.35	108	16491	3.022	ng/ul	96
24) 2,4-Dimethylphenol	9.56	107	57924m	10.166	ng/ul	
28) Naphthalene	10.40	128	14831317	991.327	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	5983520	546.207	ng/ul	99
40) 1,1'-Biphenyl	13.04	154	907648	63.883	ng/ul	98
47) Acenaphthylene	13.94	152	3537201	211.706	ng/ul	97
49) Acenaphthene	14.28	153	521692	45.737	ng/ul	97
53) Dibenzofuran	14.62	168	1336799	81.400	ng/ul	99
58) Fluorene	15.27	166	2957675	230.801	ng/ul	98
69) Phenanthrene	17.03	178	11873275	729.754	ng/ul	97
71) Anthracene	17.11	178	3298152	198.991	ng/ul	99
74) Carbazole	17.38	167	313008	21.984	ng/ul	99
76) Fluoranthene	19.05	202	5838089	323.498	ng/ul	96
82) Benzo(a)anthracene	21.19	228	2604113	151.412	ng/ul	93
84) Chrysene	21.24	228	2210476	138.482	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	1928880	105.545	ng/ul#	97
88) Benzo(k)fluoranthene	22.79	252	605023m	34.664	ng/ul	
90) Benzo(a)pyrene	23.32	252	1898890m	110.542	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	836407	44.039	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.59	278	244919	15.195	ng/ul#	79
93) Benzo(g,h,i)perylene	26.26	276	776212	49.428	ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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