Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002603.D
Acq On : 06 Sep 2018 04:48
Operator : JU/SJ
Sample : J4688-20MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 06 08:55:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	161700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	767590	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	461168	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1074952	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1033028	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	855642	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	11630	3.40	ng/uL	0.00
5) Phenol-d5	6.85	99	280877	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	177193	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	232546	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	205905	17.37	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	117575	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	136623	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	236315	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	210457	16.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	772423	20.20	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	974965	20.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	94185	13.03	ng/ul	0.00
57) Fluorene-d10	15.29	176	690683	20.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	113566	16.59	ng/ul	0.00
70) Anthracene-d10	17.15	188	1066028	20.76	ng/ul	0.00
78) Pyrene-d10	19.45	212	1164386	23.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	958984	21.43	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	286191	18.954	ng/ul	94
10) 2-Chlorophenol	7.23	128	218048	19.178	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.46	70	186367	18.638	ng/ul#	86
28) Naphthalene	10.48	128	74722	1.892	ng/ul	97
33) 4-Chloro-3-methylphenol	11.73	107	253644	19.280	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	46961	1.611	ng/ul	97
44) Dimethylphthalate	13.76	163	565040	15.070	ng/ul	99
47) Acenaphthylene	14.02	152	102634	2.299	ng/ul	99
49) Acenaphthene	14.36	153	674002	21.399	ng/ul	97
52) 4-Nitrophenol	14.53	109	71870	13.122	ng/ul#	87
53) Dibenzofuran	14.70	168	75349	1.696	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	222220	19.456	ng/ul#	87
58) Fluorene	15.35	166	64104	1.763	ng/ul#	96
68) Pentachlorophenol	16.70	266	119218	17.402	ng/ul	99
69) Phenanthrene	17.09	178	1340913	22.628	ng/ul	99
71) Anthracene	17.17	178	316368	5.264	ng/ul	100
74) Carbazole	17.45	167	177553	3.331	ng/ul	98
75) Di-n-butylphthalate	18.02	149	114654	1.769	ng/ul	97
76) Fluoranthene	19.11	202	2562098	37.987	ng/ul	99
79) Pyrene	19.48	202	3547320	56.949	ng/ul	100
82) Benzo(a)anthracene	21.23	228	1128452	17.831	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	1773629	44.804	ng/ul#	98
84) Chrysene	21.28	228	1183482	19.758	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	22.80	252	1419955	27.685	ng/ul	100
88) Benzo(k)fluoranthene	22.84	252	401746m	8.314	ng/ul	
90) Benzo(a)pyrene	23.37	252	776689	15.897	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	493273	8.487	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.67	278	135995	2.799	ng/ul#	80
93) Benzo(g,h,i)perylene	26.35	276	437566	9.022	ng/ul	97

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

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