Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013497.D
Acq On : 18 Dec 2017 14:13
Operator : SJ/JU
Sample : I6776-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 19 00:57:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	226268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	978316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	556068	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1142667	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	862665	20.00	ng/ul	0.01
83) Perylene-d12	23.50	264	777390	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	18413	4.03	ng/uL	0.00
5) Phenol-d5	6.85	99	482019	24.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	262941	23.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	386078	25.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	395281	23.63	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	198327	25.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	223672	26.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	419827	24.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	248519	15.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1241116	25.08	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1592870	26.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	186448	21.69	ng/ul	0.00
57) Fluorene-d10	15.32	176	1068557	25.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	142131	19.77	ng/ul	0.00
70) Anthracene-d10	17.17	188	1479466	25.85	ng/ul	0.00
76) Pyrene-d10	19.47	212	1349085	31.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	974615	24.61	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.88	94	89428	4.621	ng/ul#	86
28) Naphthalene	10.50	128	281019	5.583	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	87709	2.318	ng/ul	85
44) Dimethylphthalate	13.78	163	238725	5.044	ng/ul	98
47) Acenaphthylene	14.04	152	936636	16.575	ng/ul	99
49) Acenaphthene	14.38	153	235475	6.117	ng/ul	97
53) Dibenzofuran	14.72	168	245081	4.313	ng/ul	98
58) Fluorene	15.37	166	144851	3.081	ng/ul#	95
68) Pentachlorophenol	16.73	266	533220	62.237	ng/ul	99
69) Phenanthrene	17.11	178	2177061	33.536	ng/ul	99
71) Anthracene	17.20	178	1628217	24.538	ng/ul	98
72) Carbazole	17.47	167	381702	6.688	ng/ul	99
74) Fluoranthene	19.14	202	6042011	75.948	ng/ul#	93
77) Pyrene	19.50	202	6692439	127.696	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	3040214	55.545	ng/ul	94
82) Chrysene	21.30	228	3810741m	75.045	ng/ul	
85) Benzo(b)fluoranthene	22.84	252	9036588	172.437	ng/ul#	98
86) Benzo(k)fluoranthene	22.88	252	2577273m	52.260	ng/ul	
88) Benzo(a)pyrene	23.41	252	4081966	86.711	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.75	276	3611241	77.313	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.74	278	974616	24.505	ng/ul#	91
91) Benzo(g,h,i)perylene	26.44	276	3330212	90.387	ng/ul#	95

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

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