Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106630.D
Acq On : 20 Jun 2018 20:07
Operator : JU/SJ
Sample : J3529-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPTW-04MS

Manual Integrations APPROVED
Sohil
6/21/2018 11:28:03 AM

Quant Time: Jun 21 02:22:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	106429	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	457920	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	225497	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	422130	20.00	ng		0.00
75) Chrysene-d12	14.15	240	286170	20.00	ng		0.00
86) Perylene-d12	15.69	264	300781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	377104	60.00	ng		0.00
7) Phenol-d6	6.61	99	301699	38.44	ng		0.00
23) Nitrobenzene-d5	7.53	82	633982	76.94	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	325472	124.53	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1082662	80.48	ng		0.00
78) Terphenyl-d14	13.08	244	1148080	97.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	48118	14.891	ng		96
3) Pyridine	3.65	79	143819	16.411	ng		96
4) n-Nitrosodimethylamine	3.57	42	63037	16.936	ng		93
6) Aniline	6.65	93	266736	25.052	ng		99
8) 2-Chlorophenol	6.76	128	239058	34.678	ng		99
9) Benzaldehyde	6.51	77	104246	16.678	ng		99
10) Phenol	6.63	94	677166	75.597	ng		92
11) bis(2-Chloroethyl)ether	6.70	93	322741	43.643	ng		98
12) 1,3-Dichlorobenzene	6.90	146	307196	38.047	ng		99
13) 1,4-Dichlorobenzene	6.98	146	313410	38.394	ng		99
14) 1,2-Dichlorobenzene	7.13	146	291703	38.992	ng		99
15) Benzyl Alcohol	7.11	79	170699	27.084	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.23	45	436781	45.017	ng	#	45
17) 2-Methylphenol	7.23	107	183298	31.070	ng	#	82
18) Hexachloroethane	7.47	117	111965	39.004	ng	#	90
19) n-Nitroso-di-n-propylamine	7.38	70	212827	41.135	ng		95
20) 3+4-Methylphenols	7.38	107	274183	42.347	ng		94
22) Acetophenone	7.37	105	413519	40.364	ng		100
24) Nitrobenzene	7.55	77	332480	39.522	ng		96
25) Isophorone	7.79	82	617102	42.500	ng		98
26) 2-Nitrophenol	7.86	139	162085	40.814	ng		95
27) 2,4-Dimethylphenol	7.91	122	261801	42.650	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	381868	39.170	ng	#	67
29) 2,4-Dichlorophenol	8.11	162	255044	39.687	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	284390	40.171	ng		97
31) Naphthalene	8.27	128	758421	35.425	ng		100
32) Benzoic acid	8.10	122	295106m	63.934	ng		
33) 4-Chloroaniline	8.32	127	165278	18.399	ng		99
34) Hexachlorobutadiene	8.38	225	183384	39.754	ng		99
35) Caprolactam	8.72	113	2831	1.351	ng	#	1
36) 4-Chloro-3-methylphenol	8.81	107	268112	39.637	ng		99
37) 2-Methylnaphthalene	8.96	142	615616	43.382	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	323072	42.543	ng		97
40) Hexachlorocyclopentadiene	9.11	237	285180	72.990	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	202645	40.145	ng		94
43) 2,4,5-Trichlorophenol	9.30	196	210566	39.976	ng	#	90
45) 1,1'-Biphenyl	9.42	154	736740	40.996	ng		97
46) 2-Chloronaphthalene	9.45	162	552898	39.086	ng		97
47) 2-Nitroaniline	9.55	65	187039	39.320	ng		92
48) Acenaphthylene	9.87	152	852737	38.182	ng		97
49) Dimethylphthalate	9.73	163	751904	44.458	ng	#	96
50) 2,6-Dinitrotoluene	9.80	165	162578	45.396	ng		92
51) Acenaphthene	10.04	154	538115	38.263	ng		99
52) 3-Nitroaniline	9.97	138	85344	20.709	ng		97
53) 2,4-Dinitrophenol	10.08	184	171696	91.393	ng	#	18
54) Dibenzofuran	10.21	168	807097	41.911	ng		99
55) 4-Nitrophenol	10.17	139	72466	25.192	ng		90
56) 2,4-Dinitrotoluene	10.20	165	211090	45.157	ng	#	90
57) Fluorene	10.56	166	622828	40.757	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	202099	48.268	ng	#	78
59) Diethylphthalate	10.42	149	632301	38.736	ng	#	92
60) 4-Chlorophenyl-phenylether	10.55	204	336392	42.072	ng	#	85
61) 4-Nitroaniline	10.59	138	112637	27.540	ng		97
62) Azobenzene	10.71	77	622179	38.706	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	125791	48.207	ng		84
65) n-Nitrosodiphenylamine	10.67	169	547256	38.543	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	239404	47.521	ng	#	84
67) Hexachlorobenzene	11.11	284	249898	47.393	ng	#	83
68) Atrazine	11.23	200	106040	23.493	ng		94
69) Pentachlorophenol	11.31	266	244890	93.080	ng		99
70) Phenanthrene	11.53	178	890359	43.730	ng		98
71) Anthracene	11.58	178	900993	43.355	ng		98
72) Carbazole	11.74	167	748298	38.459	ng		98
73) Di-n-butylphthalate	12.05	149	914843	39.911	ng		100
74) Fluoranthene	12.72	202	882163	39.310	ng		96
76) Benzidine	12.83	184	1215	0.149	ng	#	1
77) Pyrene	12.95	202	874827	46.358	ng		99
79) Butylbenzylphthalate	13.56	149	333516	42.986	ng	#	92
80) Benzo(a)anthracene	14.14	228	777257	44.564	ng		98
81) 3,3'-Dichlorobenzidine	14.12	252	630	0.103	ng	#	19
82) Chrysene	14.18	228	714725	44.543	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	483271	48.720	ng	#	95
84) Di-n-octyl phthalate	14.74	149	757402	46.843	ng		95
85) Indeno(1,2,3-cd)pyrene	17.27	276	769437	56.506	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	813945	43.563	ng		96
88) Benzo(k)fluoranthene	15.27	252	683846	38.433	ng	#	96
89) Benzo(a)pyrene	15.63	252	736149	44.320	ng	#	95
90) Dibenzo(a,h)anthracene	17.28	278	634477	45.073	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	622670	45.256	ng	#	90

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

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