Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107036.D
Acq On : 2 Jul 2018 11:28
Operator : JU/SJ
Sample : J3749-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ZER-SB-01-03-04-0-11MSD

Quant Time: Jul 02 13:15:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66113	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	243308	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	108595	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	189343	20.00	ng		0.00
75) Chrysene-d12	14.16	240	164126	20.00	ng		0.00
86) Perylene-d12	15.71	264	131331	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	416605	106.70	ng		0.00
7) Phenol-d6	6.61	99	517270	106.09	ng		0.00
23) Nitrobenzene-d5	7.52	82	326365	74.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	146148	116.12	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	603093	95.89	ng		-0.01
78) Terphenyl-d14	13.08	244	598272	88.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	51871	25.841	ng		98
3) Pyridine	3.62	79	159046	29.216	ng		97
4) n-Nitrosodimethylamine	3.57	42	66584	28.798	ng		84
6) Aniline	6.63	93	117617	17.783	ng	#	1
8) 2-Chlorophenol	6.75	128	157127	36.692	ng		98
9) Benzaldehyde	6.51	77	90505	24.541	ng		99
10) Phenol	6.62	94	202580	36.406	ng		86
11) bis(2-Chloroethyl)ether	6.69	93	181870	39.591	ng		98
12) 1,3-Dichlorobenzene	6.90	146	182156	36.318	ng		97
13) 1,4-Dichlorobenzene	6.98	146	183910	36.269	ng		96
14) 1,2-Dichlorobenzene	7.13	146	172528	37.125	ng		95
15) Benzyl Alcohol	7.11	79	130457	33.322	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	215434	35.744	ng		53
17) 2-Methylphenol	7.22	107	132085	36.042	ng	#	89
18) Hexachloroethane	7.47	117	54661	30.654	ng	#	82
19) n-Nitroso-di-n-propylamine	7.37	70	111110	34.571	ng		95
20) 3+4-Methylphenols	7.38	107	177988	44.987	ng		95
22) Acetophenone	7.37	105	224701	41.279	ng	#	97
24) Nitrobenzene	7.54	77	166884	37.335	ng		98
25) Isophorone	7.78	82	299984	38.884	ng		98
26) 2-Nitrophenol	7.86	139	84710	40.145	ng		94
27) 2,4-Dimethylphenol	7.90	122	144928	44.436	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	194181	37.487	ng		99
29) 2,4-Dichlorophenol	8.11	162	144472	42.311	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	157297	41.817	ng		98
31) Naphthalene	8.27	128	467053	41.058	ng		99
33) 4-Chloroaniline	8.32	127	104323	21.857	ng		99
34) Hexachlorobutadiene	8.37	225	101391	41.367	ng		100
35) Caprolactam	8.68	113	41300	37.106	ng		98
36) 4-Chloro-3-methylphenol	8.81	107	133809	37.231	ng		97
37) 2-Methylnaphthalene	8.95	142	329207	43.662	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	168505	46.076	ng	#	96
42) 2,4,6-Trichlorophenol	9.24	196	99293	40.845	ng		95
43) 2,4,5-Trichlorophenol	9.24	196	99293	39.144	ng		90

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 1,1'-Biphenyl	9.42	154	381702	44.105 ng		98
46) 2-Chloronaphthalene	9.45	162	270481	39.705 ng		96
47) 2-Nitroaniline	9.55	65	84982	37.097 ng		94
48) Acenaphthylene	9.87	152	433329	40.290 ng		99
49) Dimethylphthalate	9.71	163	435112	53.422 ng	#	98
50) 2,6-Dinitrotoluene	9.79	165	71210	41.289 ng	#	81
51) Acenaphthene	10.04	154	262794	38.802 ng		98
52) 3-Nitroaniline	9.96	138	56204	28.319 ng		99
53) 2,4-Dinitrophenol	10.08	184	1787	7.212 ng	#	32
54) Dibenzofuran	10.21	168	391738	42.241 ng		97
55) 4-Nitrophenol	10.14	139	69151	49.917 ng		96
56) 2,4-Dinitrotoluene	10.20	165	85598	38.023 ng		89
57) Fluorene	10.55	166	307191	41.742 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	78036	38.701 ng	#	78
59) Diethylphthalate	10.41	149	301171	38.312 ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	155697	40.435 ng	#	85
61) 4-Nitroaniline	10.58	138	61395	31.170 ng		96
62) Azobenzene	10.70	77	256297	33.108 ng		89
64) 4,6-Dinitro-2-methylphenol	10.61	198	12955	11.069 ng	#	73
65) n-Nitrosodiphenylamine	10.66	169	250531	39.338 ng		100
66) 4-Bromophenyl-phenylether	11.03	248	99075	43.844 ng	#	78
67) Hexachlorobenzene	11.10	284	97757	41.333 ng	#	85
68) Atrazine	11.18	200	83438	41.212 ng		97
69) Pentachlorophenol	11.31	266	56061	47.506 ng		99
70) Phenanthrene	11.52	178	597134	65.386 ng		99
71) Anthracene	11.57	178	478682	51.353 ng		99
72) Carbazole	11.73	167	353835	40.544 ng		99
73) Di-n-butylphthalate	12.04	149	396963	38.610 ng		100
74) Fluoranthene	12.72	202	928728	92.266 ng		95
76) Benzidine	12.84	184	61895	13.242 ng		98
77) Pyrene	12.95	202	935509	86.437 ng		98
79) Butylbenzylphthalate	13.55	149	159189	35.774 ng	#	91
80) Benzo(a)anthracene	14.15	228	720691	72.047 ng		97
81) 3,3'-Dichlorobenzidine	14.10	252	94328	26.831 ng	#	96
82) Chrysene	14.19	228	647212	70.329 ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	224546	39.470 ng	#	97
84) Di-n-octyl phthalate	14.74	149	368073	39.692 ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.32	276	398839	51.070 ng	#	87
87) Benzo(b)fluoranthene	15.25	252	685031	83.968 ng		95
88) Benzo(k)fluoranthene	15.28	252	421529	54.258 ng	#	95
89) Benzo(a)pyrene	15.65	252	537124	74.061 ng	#	94
90) Dibenzo(a,h)anthracene	17.32	278	254475	41.402 ng	#	92
91) Benzo(g,h,i)perylene	17.81	276	352837	58.732 ng	#	87

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

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