Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107202.D
Acq On : 7 Jul 2018 13:23
Operator : JU/SJ
Sample : J3791-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72MSD

Manual Integrations APPROVED
Sohil
7/9/2018 2:06:15 PM

Quant Time: Jul 09 03:33:31 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	63281	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	242911	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	126979	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	248942	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	168041	20.00	ng		-0.03
86) Perylene-d12	15.68	264	179855	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	438567	117.35	ng		-0.01
7) Phenol-d6	6.60	99	550328	117.92	ng		-0.01
23) Nitrobenzene-d5	7.52	82	359595	82.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	194451	132.12	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	618428	81.90	ng		-0.02
78) Terphenyl-d14	13.07	244	711762	102.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	57664	30.013	ng		99
3) Pyridine	3.60	79	172474	33.100	ng		97
4) n-Nitrosodimethylamine	3.57	42	76510	34.571	ng		84
6) Aniline	6.62	93	226695	35.809	ng	#	89
8) 2-Chlorophenol	6.74	128	169299	41.303	ng		99
9) Benzaldehyde	6.50	77	89014	25.358	ng		98
10) Phenol	6.61	94	212144	39.831	ng		73
11) bis(2-Chloroethyl)ether	6.68	93	173960	39.564	ng		98
12) 1,3-Dichlorobenzene	6.89	146	191228	39.833	ng		97
13) 1,4-Dichlorobenzene	6.97	146	191877	39.533	ng		97
14) 1,2-Dichlorobenzene	7.12	146	178544	40.139	ng		97
15) Benzyl Alcohol	7.10	79	144177	38.474	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	235177	40.766	ng		63
17) 2-Methylphenol	7.21	107	147700	42.107	ng	#	90
18) Hexachloroethane	7.45	117	66354	38.876	ng	#	87
19) n-Nitroso-di-n-propylamine	7.36	70	116948	38.016	ng		92
20) 3+4-Methylphenols	7.36	107	181408	49.188	ng	#	68
22) Acetophenone	7.36	105	231191	42.541	ng	#	94
24) Nitrobenzene	7.54	77	186379	41.765	ng		99
25) Isophorone	7.77	82	351697	45.661	ng		99
26) 2-Nitrophenol	7.85	139	98438	46.727	ng		100
27) 2,4-Dimethylphenol	7.88	122	162729	49.976	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	222576	43.039	ng		98
29) 2,4-Dichlorophenol	8.10	162	162449	47.653	ng		94
30) 1,2,4-Trichlorobenzene	8.17	180	172429	45.915	ng		98
31) Naphthalene	8.25	128	488238	42.991	ng		100
32) Benzoic acid	7.98	122	6997	8.333	ng		91
33) 4-Chloroaniline	8.31	127	192640	40.426	ng		98
34) Hexachlorobutadiene	8.35	225	110742	45.256	ng		100
35) Caprolactam	8.68	113	48389m	43.546	ng		
36) 4-Chloro-3-methylphenol	8.80	107	165912	46.239	ng		98
37) 2-Methylnaphthalene	8.94	142	364603	48.436	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	189705	44.362	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	68307	31.047	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	110539	38.888	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	113739	38.347	ng	#	87
45) 1,1'-Biphenyl	9.41	154	436064	43.091	ng		98
46) 2-Chloronaphthalene	9.44	162	320874	40.283	ng		95
47) 2-Nitroaniline	9.54	65	105545	39.403	ng		99
48) Acenaphthylene	9.85	152	503645	40.048	ng		99
49) Dimethylphthalate	9.71	163	471629	49.522	ng		98
50) 2,6-Dinitrotoluene	9.78	165	91362	45.304	ng	#	78
51) Acenaphthene	10.02	154	309756	39.114	ng		98
52) 3-Nitroaniline	9.95	138	85420	36.809	ng		99
53) 2,4-Dinitrophenol	10.07	184	22459	25.340	ng	#	16
54) Dibenzofuran	10.20	168	458815	42.311	ng		98
55) 4-Nitrophenol	10.14	139	74164	45.785	ng		97
56) 2,4-Dinitrotoluene	10.19	165	114295	43.420	ng		94
57) Fluorene	10.54	166	373375	43.390	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	99695	42.284	ng	#	77
59) Diethylphthalate	10.40	149	363967	39.597	ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	196888	43.730	ng	#	86
61) 4-Nitroaniline	10.58	138	92448	40.141	ng		95
62) Azobenzene	10.69	77	348646	38.517	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	56735	36.869	ng	#	69
65) n-Nitrosodiphenylamine	10.65	169	325436	38.866	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	134805	45.374	ng	#	80
67) Hexachlorobenzene	11.09	284	141135	45.388	ng	#	87
68) Atrazine	11.18	200	112734	42.351	ng		94
69) Pentachlorophenol	11.29	266	72389	46.656	ng		98
70) Phenanthrene	11.51	178	535812	44.625	ng		98
71) Anthracene	11.56	178	551996	45.040	ng		99
72) Carbazole	11.72	167	479378	41.779	ng		98
73) Di-n-butylphthalate	12.02	149	538745	39.855	ng		99
74) Fluoranthene	12.71	202	550427	41.592	ng		93
76) Benzidine	12.82	184	248277	51.878	ng		97
77) Pyrene	12.94	202	539728	48.707	ng		99
79) Butylbenzylphthalate	13.53	149	188735	41.425	ng	#	96
80) Benzo(a)anthracene	14.13	228	450112	43.949	ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	143137	39.766	ng	#	97
82) Chrysene	14.17	228	412415	43.771	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	228090	39.159	ng	#	97
84) Di-n-octyl phthalate	14.71	149	389878	41.063	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	545286	68.195	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	465453	41.661	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	401116	37.701	ng	#	94
89) Benzo(a)pyrene	15.61	252	434395	43.736	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	452611	53.771	ng	#	92
91) Benzo(g,h,i)perylene	17.75	276	472487	57.429	ng	#	89

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

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