Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108356.D
Acq On : 21 Aug 2018 23:52
Operator : JU/SJ
Sample : J4521-01MSD 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT2286MSD

Quant Time: Aug 22 00:59:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	162623	20.00	ng		-0.01
21) Naphthalene-d8	8.29	136	617274	20.00	ng		-0.01
38) Acenaphthene-d10	10.05	164	289083	20.00	ng		-0.02
63) Phenanthrene-d10	11.54	188	471071	20.00	ng		-0.02
75) Chrysene-d12	14.19	240	361598	20.00	ng		-0.02
86) Perylene-d12	15.75	264	321319	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	85736	9.54	ng		-0.01
7) Phenol-d6	6.61	99	117103	9.81	ng		-0.02
23) Nitrobenzene-d5	7.56	82	72282	6.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.84	330	22476	7.79	ng		-0.02
44) 2-Fluorobiphenyl	9.36	172	143523	7.97	ng		-0.02
78) Terphenyl-d14	13.12	244	104185	7.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	12216	2.647	ng		98
3) Pyridine	3.70	79	28144	2.367	ng	#	82
4) n-Nitrosodimethylamine	3.63	42	16849	2.518	ng	#	77
8) 2-Chlorophenol	6.78	128	32796	3.242	ng		94
10) Phenol	6.63	94	38872	3.148	ng		95
11) bis(2-Chloroethyl)ether	6.73	93	31345	3.140	ng		97
12) 1,3-Dichlorobenzene	6.94	146	35951	3.073	ng		97
13) 1,4-Dichlorobenzene	7.02	146	35780	3.044	ng		98
14) 1,2-Dichlorobenzene	7.17	146	35140	3.214	ng		99
15) Benzyl Alcohol	7.14	79	28392	2.825	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	60566	2.945	ng		98
17) 2-Methylphenol	7.24	107	27359	3.154	ng		95
18) Hexachloroethane	7.51	117	10316	2.465	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	24062	2.981	ng		90
20) 3+4-Methylphenols	7.39	107	34476	3.101	ng		90
22) Acetophenone	7.40	105	48133	3.335	ng	#	90
24) Nitrobenzene	7.58	77	34676	3.100	ng		95
25) Isophorone	7.81	82	63948	3.033	ng		95
26) 2-Nitrophenol	7.90	139	12368	2.928	ng		98
27) 2,4-Dimethylphenol	7.92	122	28773	3.075	ng		100
28) bis(2-Chloroethoxy)methane	8.02	93	38488	3.127	ng		99
29) 2,4-Dichlorophenol	8.14	162	26096	3.030	ng		100
30) 1,2,4-Trichlorobenzene	8.22	180	29893	3.148	ng		97
31) Naphthalene	8.31	128	104422	3.720	ng		98
34) Hexachlorobutadiene	8.42	225	19542	3.251	ng		98
35) Caprolactam	8.68	113	7297	2.704	ng	#	85
36) 4-Chloro-3-methylphenol	8.82	107	26809	2.886	ng		99
37) 2-Methylnaphthalene	9.00	142	68948	3.471	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	31760	3.578	ng	#	96
42) 2,4,6-Trichlorophenol	9.28	196	18365	3.334	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	18726	3.088	ng		94
45) 1,1'-Biphenyl	9.46	154	79072	3.710	ng		97
46) 2-Chloronaphthalene	9.49	162	57385	3.406	ng		97
47) 2-Nitroaniline	9.58	65	18087	3.318	ng		83

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.91	152	89292	3.353	ng		99
49) Dimethylphthalate	9.75	163	83220	4.133	ng		98
50) 2,6-Dinitrotoluene	9.82	165	12086	2.869	ng	#	83
51) Acenaphthene	10.08	154	60190	3.690	ng		98
52) 3-Nitroaniline	10.00	138	11916	2.585	ng		88
54) Dibenzofuran	10.25	168	90732	3.839	ng		98
55) 4-Nitrophenol	10.15	139	13385	3.835	ng		90
56) 2,4-Dinitrotoluene	10.22	165	13784	2.542	ng	#	89
57) Fluorene	10.60	166	77432	4.139	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	12211	2.409	ng	#	84
59) Diethylphthalate	10.45	149	65951	3.382	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	30488	3.128	ng		93
61) 4-Nitroaniline	10.60	138	12643	2.774	ng		91
62) Azobenzene	10.74	77	59366	2.948	ng		95
65) n-Nitrosodiphenylamine	10.70	169	55012	3.952	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	18206	3.556	ng	#	86
67) Hexachlorobenzene	11.15	284	17938	3.330	ng	#	85
68) Atrazine	11.22	200	16901	3.620	ng		96
69) Pentachlorophenol	11.34	266	7115	2.760	ng		93
70) Phenanthrene	11.57	178	196563	8.847	ng		99
71) Anthracene	11.62	178	119279	5.238	ng		98
72) Carbazole	11.77	167	70405	3.480	ng		96
73) Di-n-butylphthalate	12.09	149	91877	4.009	ng		99
74) Fluoranthene	12.77	202	202707	8.359	ng		93
76) Benzidine	12.88	184	27107	2.006	ng		98
77) Pyrene	13.00	202	183859	8.031	ng		99
79) Butylbenzylphthalate	13.59	149	28622	3.149	ng		97
80) Benzo(a)anthracene	14.18	228	121155	5.838	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	18923	2.544	ng		95
82) Chrysene	14.22	228	107338	5.642	ng		97
83) Bis(2-ethylhexyl)phthalate	14.15	149	43762	3.555	ng		98
84) Di-n-octyl phthalate	14.77	149	72414	3.857	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.35	276	60941	3.697	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	119509	6.224	ng		98
88) Benzo(k)fluoranthene	15.31	252	70554	3.997	ng	#	97
89) Benzo(a)pyrene	15.68	252	91046	5.295	ng		96
90) Dibenzo(a,h)anthracene	17.37	278	43305	3.044	ng		96
91) Benzo(g,h,i)perylene	17.85	276	49603	3.541	ng	#	90

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

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