Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108785.D
Acq On : 5 Sep 2018 20:18
Operator : JU/SJ
Sample : J4741-17MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC3-01-AMSD

Manual Integrations APPROVED
Sohil
9/6/2018 4:44:52 PM

Quant Time: Sep 06 05:54:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	294834	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1149973	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	520449	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	832168	20.00	ng		0.00
75) Chrysene-d12	13.87	240	508861	20.00	ng		0.00
86) Perylene-d12	15.27	264	526219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1503953	84.51	ng		0.01
7) Phenol-d6	6.37	99	2044322	89.28	ng		0.00
23) Nitrobenzene-d5	7.30	82	1208934	65.79	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	416075	83.74	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2016252	66.09	ng		0.00
78) Terphenyl-d14	12.82	244	1538914	70.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	230858	26.992	ng		93
3) Pyridine	3.08	79	117	0.005	ng	#	1
4) n-Nitrosodimethylamine	3.10	42	312621	34.749	ng		89
6) Aniline	6.38	93	16828m	0.546	ng		
8) 2-Chlorophenol	6.52	128	647569	32.873	ng		97
9) Benzaldehyde	6.28	77	409474	25.206	ng		98
10) Phenol	6.38	94	798874	30.460	ng		99
11) bis(2-Chloroethyl)ether	6.47	93	752990	35.840	ng		94
12) 1,3-Dichlorobenzene	6.68	146	665568	29.608	ng		99
13) 1,4-Dichlorobenzene	6.75	146	674444	30.002	ng		97
14) 1,2-Dichlorobenzene	6.91	146	638302	30.805	ng		98
15) Benzyl Alcohol	6.88	79	585514	33.319	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	947064	30.156	ng		97
17) 2-Methylphenol	7.00	107	551706	33.141	ng		99
18) Hexachloroethane	7.25	117	229851	28.357	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	473876	29.772	ng		96
20) 3+4-Methylphenols	7.14	107	643612	33.004	ng	#	62
22) Acetophenone	7.14	105	862668	33.054	ng	#	91
24) Nitrobenzene	7.31	77	680960	34.538	ng		99
25) Isophorone	7.55	82	1275231	34.791	ng		97
26) 2-Nitrophenol	7.63	139	295349	38.022	ng		99
27) 2,4-Dimethylphenol	7.67	122	591157	37.477	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	825049	33.667	ng		99
29) 2,4-Dichlorophenol	7.87	162	544624	33.484	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	544423	30.886	ng		96
31) Naphthalene	8.04	128	1798236	34.757	ng		99
32) Benzoic acid	7.75	122	113852	15.149	ng		99
33) 4-Chloroaniline	8.12	127	664859	27.980	ng		98
34) Hexachlorobutadiene	8.17	225	312817	29.706	ng		98
35) Caprolactam	8.44	113	174828m	31.721	ng		
36) 4-Chloro-3-methylphenol	8.57	107	565799	32.654	ng		99
37) 2-Methylnaphthalene	8.73	142	1193638	34.922	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	511418	32.872	ng		98
40) Hexachlorocyclopentadiene	8.89	237	234636	29.979	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	373183	35.217	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	391815	35.670	ng		95
45) 1,1'-Biphenyl	9.19	154	1379886	34.439	ng		99
46) 2-Chloronaphthalene	9.21	162	1091079	33.671	ng		99
47) 2-Nitroaniline	9.30	65	335702	37.922	ng		91
48) Acenaphthylene	9.62	152	1707590	35.353	ng		98
49) Dimethylphthalate	9.50	163	1736272	47.697	ng	#	98
50) 2,6-Dinitrotoluene	9.55	165	248012	35.755	ng		96
51) Acenaphthene	9.80	154	1016788	34.018	ng		99
52) 3-Nitroaniline	9.71	138	255194	30.907	ng	#	95
53) 2,4-Dinitrophenol	9.81	184	62731	31.057	ng	#	26
54) Dibenzofuran	9.97	168	1454799	33.390	ng		97
55) 4-Nitrophenol	9.87	139	382262	61.928	ng		98
56) 2,4-Dinitrotoluene	9.95	165	301007	33.933	ng	#	97
57) Fluorene	10.31	166	1023068	36.590	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	293251	33.105	ng		89
59) Diethylphthalate	10.20	149	1268231	33.760	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	497479	33.315	ng		93
61) 4-Nitroaniline	10.32	138	210234	28.106	ng		99
62) Azobenzene	10.47	77	1252977	32.313	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	51426	20.334	ng		96
65) n-Nitrosodiphenylamine	10.42	169	1011231	36.549	ng		97
66) 4-Bromophenyl-phenylether	10.80	248	335837	35.731	ng	#	85
67) Hexachlorobenzene	10.86	284	339280	33.815	ng	#	90
68) Atrazine	10.95	200	286243	32.317	ng		97
69) Pentachlorophenol	11.05	266	306015	49.887	ng		98
70) Phenanthrene	11.27	178	1438519	36.199	ng		99
71) Anthracene	11.32	178	1468375	38.592	ng		99
72) Carbazole	11.47	167	1254190	31.300	ng		99
73) Di-n-butylphthalate	11.81	149	1674091	37.622	ng		99
74) Fluoranthene	12.45	202	1347743	34.253	ng		98
76) Benzidine	12.55	184	90255	3.742	ng	#	86
77) Pyrene	12.67	202	1339986	34.222	ng		99
79) Butylbenzylphthalate	13.30	149	600643	34.063	ng		98
80) Benzo(a)anthracene	13.85	228	1172335	35.943	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	238502	18.769	ng		97
82) Chrysene	13.89	228	1130006	35.788	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	1217304	54.934	ng		100
84) Di-n-octyl phthalate	14.47	149	1358085	36.761	ng		99
85) Indeno(1,2,3-cd)pyrene	16.62	276	877248	31.394	ng		96
87) Benzo(b)fluoranthene	14.87	252	1094176	38.240	ng		98
88) Benzo(k)fluoranthene	14.90	252	964179	36.591	ng		97
89) Benzo(a)pyrene	15.21	252	942307	36.498	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	743485	32.681	ng		97
91) Benzo(g,h,i)perylene	17.02	276	727003	31.916	ng		94

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

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