Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107778.D
Acq On : 28 Jul 2018 6:30
Operator : JU/SJ
Sample : J4199-02MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-33MSD

Manual Integrations APPROVED
Sohil
7/30/2018 2:03:44 PM

Quant Time: Jul 30 02:24:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	178472	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	660447	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	259364	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	435629	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	418760	20.00	ng	-0.01
86) Perylene-d12	15.68	264	350065	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	568821	51.24	ng	0.00
7) Phenol-d6	6.61	99	425632	31.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	1018825	104.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	380292	128.94	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1754712	136.51	ng	-0.02
78) Terphenyl-d14	13.08	244	1469923	89.86	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.85	88	69727	13.496	ng	# 86
3) Pyridine	3.66	79	98686	7.021	ng	87
4) n-Nitrosodimethylamine	3.63	42	28584	4.822	ng	# 83
6) Aniline	6.64	93	171134	9.955	ng	# 73
8) 2-Chlorophenol	6.75	128	410880	34.550	ng	95
9) Benzaldehyde	6.52	77	210879	23.211	ng	95
10) Phenol	6.62	94	151584	9.670	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	413088	31.786	ng	94
12) 1,3-Dichlorobenzene	6.90	146	521959	38.711	ng	98
13) 1,4-Dichlorobenzene	6.98	146	575957	41.676	ng	99
14) 1,2-Dichlorobenzene	7.13	146	530517	42.777	ng	98
15) Benzyl Alcohol	7.11	79	220272	24.249	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	824807	37.620	ng	79
17) 2-Methylphenol	7.22	107	256051	25.332	ng	# 68
18) Hexachloroethane	7.47	117	182915	37.736	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	349437	40.583	ng	98
20) 3+4-Methylphenols	7.38	107	295491	24.619	ng	# 16
22) Acetophenone	7.37	105	740390	47.734	ng	# 96
24) Nitrobenzene	7.55	77	495104	44.171	ng	96
25) Isophorone	7.78	82	947196	45.331	ng	98
26) 2-Nitrophenol	7.87	139	268659	56.758	ng	100
27) 2,4-Dimethylphenol	7.90	122	357021	39.847	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	598597	42.867	ng	99
29) 2,4-Dichlorophenol	8.11	162	378227	41.301	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	439609	42.740	ng	99
31) Naphthalene	8.27	128	1425597	49.086	ng	100
32) Benzoic acid	8.00	122	62634	16.265	ng	# 84
33) 4-Chloroaniline	8.34	127	151117	11.905	ng	# 91
34) Hexachlorobutadiene	8.37	225	258454	42.287	ng	99
35) Caprolactam	8.70	113	17722	5.950	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	351416	34.545	ng	100
37) 2-Methylnaphthalene	8.96	142	933679	46.393	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	442048	51.099	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	54203	12.326	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	244273	44.114	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	266788	46.099	ng		96
45) 1,1'-Biphenyl	9.42	154	1135873	50.274	ng		98
46) 2-Chloronaphthalene	9.45	162	820785	47.527	ng		98
47) 2-Nitroaniline	9.56	65	260228	51.686	ng		97
48) Acenaphthylene	9.87	152	1266418	48.816	ng		99
49) Dimethylphthalate	9.72	163	1048169	53.622	ng		99
50) 2,6-Dinitrotoluene	9.79	165	189883	48.927	ng	#	89
51) Acenaphthene	10.04	154	806026	49.588	ng		99
52) 3-Nitroaniline	9.98	138	86998	18.426	ng		99
53) 2,4-Dinitrophenol	10.09	184	45505	36.661	ng	#	46
54) Dibenzofuran	10.21	168	1082684	45.244	ng		99
55) 4-Nitrophenol	10.16	139	45475	12.865	ng	#	84
56) 2,4-Dinitrotoluene	10.20	165	215549	46.012	ng	#	92
57) Fluorene	10.55	166	842503	49.350	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	210020	43.605	ng		89
59) Diethylphthalate	10.41	149	946312	46.354	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	431766	44.736	ng		92
61) 4-Nitroaniline	10.60	138	148645	37.473	ng		96
62) Azobenzene	10.70	77	784497	40.981	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	41846	24.980	ng		90
65) n-Nitrosodiphenylamine	10.67	169	731700	49.456	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	238354	46.480	ng	#	86
67) Hexachlorobenzene	11.10	284	254416	45.090	ng	#	88
68) Atrazine	11.19	200	204974	45.376	ng		97
69) Pentachlorophenol	11.30	266	222939	63.256	ng		98
70) Phenanthrene	11.52	178	1032534	48.639	ng		99
71) Anthracene	11.58	178	1142058	53.433	ng		99
72) Carbazole	11.74	167	1026955	46.205	ng		99
73) Di-n-butylphthalate	12.04	149	1252420	60.884	ng		100
74) Fluoranthene	12.72	202	1178302	51.726	ng		96
76) Benzidine	12.86	184	24317m	2.016	ng		
77) Pyrene	12.95	202	1213520	42.366	ng		98
79) Butylbenzylphthalate	13.55	149	540478	43.876	ng		92
80) Benzo(a)anthracene	14.14	228	1122889	45.757	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	218339	26.685	ng		98
82) Chrysene	14.18	228	1213378	51.473	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	722639	41.576	ng		97
84) Di-n-octyl phthalate	14.72	149	1350424	49.985	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	792946	39.689	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	936891	48.902	ng		98
88) Benzo(k)fluoranthene	15.26	252	1059940m	56.469	ng		
89) Benzo(a)pyrene	15.62	252	869762	49.630	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	678168	44.766	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	645622	43.206	ng	#	92

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

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