Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109300.D
Acq On : 25 Sep 2018 21:41
Operator : JU/SJ
Sample : J5044-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MS

Manual Integrations APPROVED
Sohil
9/26/2018 3:42:19 PM

Quant Time: Sep 26 04:11:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	125164	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	465057	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	206347	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	343160	20.00	ng		0.00
75) Chrysene-d12	13.85	240	260048	20.00	ng		0.00
86) Perylene-d12	15.24	264	210621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	765063	100.68	ng		0.01
7) Phenol-d6	6.36	99	991251	102.22	ng		0.00
23) Nitrobenzene-d5	7.27	82	623009	79.08	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	206069	101.30	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1037011	75.80	ng		0.00
78) Terphenyl-d14	12.80	244	893653	84.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	97152	27.759	ng		94
3) Pyridine	3.13	79	263783	29.284	ng		90
4) n-Nitrosodimethylamine	3.05	42	134379	35.055	ng	#	98
6) Aniline	6.37	93	328435	26.474	ng	#	3
8) 2-Chlorophenol	6.50	128	286121	33.858	ng		96
9) Benzaldehyde	6.25	77	194437	31.214	ng		98
10) Phenol	6.37	94	386271	35.175	ng		74
11) bis(2-Chloroethyl)ether	6.45	93	276544	32.183	ng		95
12) 1,3-Dichlorobenzene	6.65	146	309013	31.760	ng		99
13) 1,4-Dichlorobenzene	6.73	146	313139	31.946	ng		98
14) 1,2-Dichlorobenzene	6.88	146	291437	32.231	ng		99
15) Benzyl Alcohol	6.86	79	252769	34.055	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	382617	31.392	ng		96
17) 2-Methylphenol	6.97	107	229124	33.509	ng		98
18) Hexachloroethane	7.22	117	96028	27.807	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	200423	31.543	ng		99
20) 3+4-Methylphenols	7.13	107	280388	33.965	ng	#	77
22) Acetophenone	7.12	105	388598	36.142	ng	#	94
24) Nitrobenzene	7.29	77	300707	35.899	ng		99
25) Isophorone	7.53	82	540588	38.106	ng		98
26) 2-Nitrophenol	7.61	139	108477	32.746	ng		94
27) 2,4-Dimethylphenol	7.65	122	248416	40.188	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	341429	36.357	ng		99
29) 2,4-Dichlorophenol	7.85	162	231917	35.709	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	245400	33.815	ng		95
31) Naphthalene	8.02	128	799231	36.777	ng		99
32) Benzoic acid	7.73	122	27451m	12.407	ng		
33) 4-Chloroaniline	8.06	127	229098	24.131	ng		98
34) Hexachlorobutadiene	8.14	225	144840	33.107	ng		97
35) Caprolactam	8.42	113	70405	33.955	ng	#	87
36) 4-Chloro-3-methylphenol	8.55	107	237779	34.793	ng		99
37) 2-Methylnaphthalene	8.70	142	525261	37.493	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	239436	36.460	ng		97
40) Hexachlorocyclopentadiene	8.86	237	35212	12.293	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	151126	35.856	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	154805	34.777	ng	#	92
45) 1,1'-Biphenyl	9.17	154	611057	36.346	ng		98
46) 2-Chloronaphthalene	9.19	162	465894	34.688	ng		97
47) 2-Nitroaniline	9.29	65	149974	39.384	ng		95
48) Acenaphthylene	9.60	152	737187	36.383	ng		100
49) Dimethylphthalate	9.47	163	839831	55.958	ng		98
50) 2,6-Dinitrotoluene	9.53	165	109350	36.788	ng		94
51) Acenaphthene	9.77	154	418624	34.173	ng		98
52) 3-Nitroaniline	9.69	138	129051	37.490	ng		97
53) 2,4-Dinitrophenol	9.80	184	2728	10.815	ng	#	27
54) Dibenzofuran	9.95	168	623460	34.222	ng		97
55) 4-Nitrophenol	9.86	139	152915	58.969	ng		94
56) 2,4-Dinitrotoluene	9.93	165	129597	34.458	ng	#	94
57) Fluorene	10.29	166	452834	34.837	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	112940	32.044	ng	#	90
59) Diethylphthalate	10.17	149	525043	34.546	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	222485	32.770	ng		97
61) 4-Nitroaniline	10.30	138	119468	35.587	ng		95
62) Azobenzene	10.44	77	498150	31.548	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	5542	10.007	ng		80
65) n-Nitrosodiphenylamine	10.40	169	434896	38.358	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	141500	37.133	ng	#	87
67) Hexachlorobenzene	10.84	284	144820	35.783	ng	#	90
68) Atrazine	10.93	200	141112	40.469	ng		98
69) Pentachlorophenol	11.03	266	121766	50.269	ng		97
70) Phenanthrene	11.25	178	657142	38.353	ng		99
71) Anthracene	11.30	178	654758	37.677	ng		99
72) Carbazole	11.45	167	586593	33.926	ng		99
73) Di-n-butylphthalate	11.79	149	730995	36.724	ng		99
74) Fluoranthene	12.43	202	704289	38.464	ng		96
76) Benzidine	12.54	184	477235	50.900	ng		98
77) Pyrene	12.66	202	704001	37.774	ng		100
79) Butylbenzylphthalate	13.27	149	302652	38.170	ng		98
80) Benzo(a)anthracene	13.84	228	597449	38.143	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	218580	36.719	ng		99
82) Chrysene	13.87	228	570839	36.769	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	377819	37.783	ng		100
84) Di-n-octyl phthalate	14.44	149	678451	39.681	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	415193	32.994	ng	#	92
87) Benzo(b)fluoranthene	14.85	252	503232	43.482	ng		98
88) Benzo(k)fluoranthene	14.88	252	411686m	37.486	ng		
89) Benzo(a)pyrene	15.19	252	418398	40.120	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	331724	38.773	ng	#	94
91) Benzo(g,h,i)perylene	17.01	276	339050	40.322	ng	#	91

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

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