Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109059.D
Acq On : 17 Sep 2018 20:13
Operator : JU/SJ
Sample : J4946-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB12983RTMS

Manual Integrations APPROVED
Sohil
9/18/2018 6:00:18 PM

Quant Time: Sep 18 04:24:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136591	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	499818	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	210146	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	385389	20.00	ng		0.00
75) Chrysene-d12	13.86	240	344257	20.00	ng		0.00
86) Perylene-d12	15.26	264	291961	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	469808	57.13	ng		0.00
7) Phenol-d6	6.35	99	584892	55.16	ng		0.00
23) Nitrobenzene-d5	7.28	82	346246	38.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	120212	52.71	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	540281	40.28	ng		0.00
78) Terphenyl-d14	12.81	244	528348	36.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	57590	14.711	ng		93
3) Pyridine	3.12	79	168641	16.250	ng		91
4) n-Nitrosodimethylamine	3.02	42	74430	18.990	ng		94
6) Aniline	6.38	93	208906	15.241	ng		99
8) 2-Chlorophenol	6.51	128	162197	17.624	ng		93
9) Benzaldehyde	6.26	77	64375	9.505	ng		98
10) Phenol	6.37	94	227279	19.048	ng		97
11) bis(2-Chloroethyl)ether	6.45	93	162716	17.334	ng		98
12) 1,3-Dichlorobenzene	6.66	146	175731	16.696	ng		98
13) 1,4-Dichlorobenzene	6.74	146	177915	16.850	ng		99
14) 1,2-Dichlorobenzene	6.89	146	169352	17.300	ng		98
15) Benzyl Alcohol	6.86	79	143315	17.802	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	228936	17.021	ng		97
17) 2-Methylphenol	6.98	107	127495	16.980	ng		96
18) Hexachloroethane	7.24	117	51344	13.389	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	114221	16.295	ng		99
20) 3+4-Methylphenols	7.13	107	166618	18.425	ng	#	67
22) Acetophenone	7.12	105	217914	19.198	ng	#	93
24) Nitrobenzene	7.30	77	164655	17.921	ng		96
25) Isophorone	7.54	82	300209	19.598	ng		99
26) 2-Nitrophenol	7.62	139	62609	14.594	ng		96
27) 2,4-Dimethylphenol	7.66	122	136278	20.251	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	191579	18.585	ng		99
29) 2,4-Dichlorophenol	7.86	162	121636	16.962	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	130329	16.812	ng		95
31) Naphthalene	8.02	128	436630	18.822	ng		99
33) 4-Chloroaniline	8.07	127	161283	15.636	ng		97
34) Hexachlorobutadiene	8.15	225	79170	16.729	ng		98
35) Caprolactam	8.41	113	37540	16.056	ng		93
36) 4-Chloro-3-methylphenol	8.55	107	121372	16.077	ng		98
37) 2-Methylnaphthalene	8.71	142	277177	18.329	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	124005	18.748	ng		97
40) Hexachlorocyclopentadiene	8.87	237	16309	4.894	ng		98
42) 2,4,6-Trichlorophenol	9.00	196	78108	17.569	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	81883	17.625	ng		95
45) 1,1'-Biphenyl	9.18	154	319587	19.009	ng		98
46) 2-Chloronaphthalene	9.20	162	244133	18.132	ng		96
47) 2-Nitroaniline	9.29	65	77745	18.782	ng		94
48) Acenaphthylene	9.61	152	382853	18.859	ng		100
49) Dimethylphthalate	9.48	163	354839	23.625	ng		99
50) 2,6-Dinitrotoluene	9.53	165	55795	16.751	ng		96
51) Acenaphthene	9.78	154	218664	17.298	ng		99
52) 3-Nitroaniline	9.70	138	68605	17.491	ng		91
54) Dibenzofuran	9.95	168	320013	17.518	ng		99
55) 4-Nitrophenol	9.86	139	95250	32.961	ng		99
56) 2,4-Dinitrotoluene	9.93	165	69174	15.880	ng	#	97
57) Fluorene	10.30	166	241528	19.841	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	65681	17.074	ng	#	88
59) Diethylphthalate	10.18	149	270396	17.827	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	115615	17.737	ng		92
61) 4-Nitroaniline	10.30	138	66221	17.771	ng		97
62) Azobenzene	10.45	77	261867	16.867	ng		93
64) 4,6-Dinitro-2-methylphenol	10.34	198	4322	2.344	ng	#	69
65) n-Nitrosodiphenylamine	10.41	169	232770	18.465	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	74706	17.195	ng		93
67) Hexachlorobenzene	10.85	284	79003	17.000	ng		93
68) Atrazine	10.94	200	75809	18.786	ng		96
69) Pentachlorophenol	11.04	266	81058	27.262	ng		97
70) Phenanthrene	11.25	178	383038	20.275	ng		100
71) Anthracene	11.31	178	376003	19.634	ng		99
72) Carbazole	11.46	167	348112	18.363	ng		99
73) Di-n-butylphthalate	11.80	149	417646	18.821	ng		99
74) Fluoranthene	12.44	202	472281	23.680	ng		97
76) Benzidine	12.56	184	316546	25.976	ng		98
77) Pyrene	12.67	202	468206	18.310	ng		99
79) Butylbenzylphthalate	13.29	149	189170	16.563	ng		99
80) Benzo(a)anthracene	13.85	228	400073	19.195	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	137600	16.360	ng		100
82) Chrysene	13.88	228	392640	18.829	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	292037	21.118	ng		100
84) Di-n-octyl phthalate	14.46	149	458768	19.561	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	286922	17.210	ng		94
87) Benzo(b)fluoranthene	14.86	252	373233	23.108	ng		99
88) Benzo(k)fluoranthene	14.89	252	285296m	18.911	ng		
89) Benzo(a)pyrene	15.20	252	294014	20.497	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	227160	18.850	ng		96
91) Benzo(g,h,i)perylene	17.01	276	233774	19.403	ng	#	93

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

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