Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110310.D
Acq On : 30 Oct 2018 18:29
Operator : JU/SJ
Sample : PB114313BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Manual Integrations APPROVED
Sohil
10/31/2018 11:15:02 AM

Quant Time: Oct 31 05:13:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107091	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	421335	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	191052	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	310880	20.00	ng		0.00
76) Chrysene-d12	14.16	240	198994	20.00	ng		0.00
87) Perylene-d12	15.69	264	165897	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	569877	86.66	ng		0.01
7) Phenol-d6	6.60	99	728159	86.57	ng		0.00
23) Nitrobenzene-d5	7.54	82	662302	93.24	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	159654	84.36	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1210682	99.51	ng		0.00
79) Terphenyl-d14	13.09	244	915970	95.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	97215	28.215	ng		89
3) Pyridine	3.68	79	285825	37.245	ng		86
4) n-Nitrosodimethylamine	3.65	42	148639	46.231	ng		91
6) Aniline	6.63	93	205081	18.716	ng	#	53
8) 2-Chlorophenol	6.76	128	329425	43.449	ng		99
9) Benzaldehyde	6.52	77	139887	25.890	ng		96
10) Phenol	6.61	94	396581	44.107	ng	#	66
11) bis(2-Chloroethyl)ether	6.70	93	291828	39.451	ng		94
12) 1,3-Dichlorobenzene	6.91	146	334623	40.105	ng		99
13) 1,4-Dichlorobenzene	6.99	146	340454	40.345	ng		97
14) 1,2-Dichlorobenzene	7.14	146	322362	41.151	ng		99
15) Benzyl Alcohol	7.11	79	287916	44.504	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	465605	39.367	ng		69
17) 2-Methylphenol	7.22	107	264710	43.808	ng	#	81
18) Hexachloroethane	7.48	117	124230	40.211	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	218016	40.401	ng		95
20) 3+4-Methylphenols	7.37	107	333211	42.662	ng		94
22) Acetophenone	7.38	105	444427	45.777	ng	#	96
24) Nitrobenzene	7.56	77	330974	45.129	ng		94
25) Isophorone	7.79	82	607367	50.159	ng		95
26) 2-Nitrophenol	7.87	139	167789	48.078	ng		97
27) 2,4-Dimethylphenol	7.90	122	304139	52.563	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	384246	46.712	ng		99
29) 2,4-Dichlorophenol	8.11	162	274172	46.901	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	289723	44.247	ng		96
31) Naphthalene	8.27	128	925603	47.665	ng		99
32) Benzoic acid	8.03	122	132981	29.736	ng		92
33) 4-Chloroaniline	8.32	127	73402	8.399	ng		98
34) Hexachlorobutadiene	8.39	225	161188	44.335	ng		99
35) Caprolactam	8.70	113	94767m	46.512	ng		
36) 4-Chloro-3-methylphenol	8.80	107	292124	46.212	ng		98
37) 2-Methylnaphthalene	8.97	142	639417	49.767	ng		100
38) 1-Methylnaphthalene	9.07	142	596237	48.022	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	267629	44.959	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	135093	44.382 ng		98
43) 2,4,6-Trichlorophenol	9.25	196	183231	47.723 ng		99
44) 2,4,5-Trichlorophenol	9.29	196	190901	47.038 ng		93
46) 1,1'-Biphenyl	9.43	154	758679	43.913 ng		99
47) 2-Chloronaphthalene	9.46	162	576137	45.462 ng		99
48) 2-Nitroaniline	9.56	65	176115	45.859 ng		96
49) Acenaphthylene	9.88	152	888160	48.522 ng		98
50) Dimethylphthalate	9.73	163	685600	48.614 ng		99
51) 2,6-Dinitrotoluene	9.80	165	141494	46.577 ng		98
52) Acenaphthene	10.05	154	529951	43.764 ng		98
53) 3-Nitroaniline	9.97	138	70376	19.481 ng		90
54) 2,4-Dinitrophenol	10.08	184	47543	42.057 ng		88
55) Dibenzofuran	10.22	168	762889	44.998 ng		99
56) 4-Nitrophenol	10.14	139	291084	108.868 ng		97
57) 2,4-Dinitrotoluene	10.21	165	181091	46.932 ng		89
58) Fluorene	10.57	166	601531	47.673 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	148749	44.966 ng		94
60) Diethylphthalate	10.43	149	656186	47.664 ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	295026	44.323 ng		95
62) 4-Nitroaniline	10.59	138	126103	35.096 ng		98
63) Azobenzene	10.72	77	609931	44.634 ng		97
65) 4,6-Dinitro-2-methylphenol	10.62	198	38171	26.875 ng		90
66) n-Nitrosodiphenylamine	10.67	169	529577	51.935 ng		97
67) 4-Bromophenyl-phenylether	11.05	248	167945	49.804 ng	#	92
68) Hexachlorobenzene	11.12	284	169995	47.512 ng	#	92
69) Atrazine	11.20	200	170019	52.761 ng		99
70) Pentachlorophenol	11.31	266	145523	69.751 ng		97
71) Phenanthrene	11.53	178	808738	49.717 ng		99
72) Anthracene	11.59	178	820072	50.297 ng		100
73) Carbazole	11.74	167	688481	43.247 ng		99
74) Di-n-butylphthalate	12.06	149	931080	51.785 ng		99
75) Fluoranthene	12.73	202	700878	42.455 ng		99
77) Benzidine	12.85	184	318013	Below Cal		96
78) Pyrene	12.96	202	698492	48.962 ng		98
80) Butylbenzylphthalate	13.56	149	321759	51.963 ng		97
81) Benzo(a)anthracene	14.15	228	589522	49.956 ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	154069	37.493 ng		98
83) Chrysene	14.19	228	545461	48.665 ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	434813	51.946 ng		97
85) Di-n-octyl phthalate	14.73	149	718555	55.208 ng		100
86) Indeno(1,2,3-cd)pyrene	17.27	276	420362	45.208 ng		98
88) Benzo(b)fluoranthene	15.23	252	528397	55.157 ng		98
89) Benzo(k)fluoranthene	15.27	252	468850	49.782 ng		100
90) Benzo(a)pyrene	15.63	252	459442	52.120 ng		97
91) Dibenzo(a,h)anthracene	17.29	278	357061	46.944 ng		99
92) Benzo(g,h,i)perylene	17.75	276	338534	45.167 ng		97

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

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