Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110882.D
Acq On : 20 Nov 2018 5:17
Operator : JU/SJ
Sample : PB114909BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114909BS

Manual Integrations APPROVED
Sohil
11/20/2018 11:07:55 AM

Quant Time: Nov 20 06:32:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	55605	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	230237	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	98185	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	156279	20.00	ng		0.00
76) Chrysene-d12	14.13	240	126712	20.00	ng		0.00
87) Perylene-d12	15.66	264	80992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	331727	96.90	ng		0.00
7) Phenol-d6	6.57	99	402324	91.91	ng		0.00
23) Nitrobenzene-d5	7.51	82	366151	91.59	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	80344	81.21	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	693773	100.91	ng		0.00
79) Terphenyl-d14	13.06	244	491147	72.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	50660	29.701	ng		90
3) Pyridine	3.60	79	137138	37.249	ng	#	84
4) n-Nitrosodimethylamine	3.56	42	75943	48.074	ng		87
6) Aniline	6.61	93	74419	13.036	ng	#	57
8) 2-Chlorophenol	6.73	128	175065	43.624	ng		99
9) Benzaldehyde	6.50	77	76032	30.338	ng		99
10) Phenol	6.59	94	207638	40.906	ng	#	64
11) bis(2-Chloroethyl)ether	6.67	93	158435	41.649	ng		95
12) 1,3-Dichlorobenzene	6.88	146	178588	40.672	ng		99
13) 1,4-Dichlorobenzene	6.96	146	186040	41.724	ng		99
14) 1,2-Dichlorobenzene	7.11	146	172971	41.701	ng		99
15) Benzyl Alcohol	7.09	79	146525	42.772	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	245105	41.029	ng		74
17) 2-Methylphenol	7.19	107	137162	42.946	ng	#	83
18) Hexachloroethane	7.45	117	57370	34.852	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	117095	41.905	ng		96
20) 3+4-Methylphenols	7.19	107	137183	33.460	ng		77
22) Acetophenone	7.35	105	236124	44.005	ng	#	92
24) Nitrobenzene	7.53	77	178230	43.512	ng		98
25) Isophorone	7.76	82	312704	47.722	ng		96
26) 2-Nitrophenol	7.85	139	81295	39.783	ng		91
27) 2,4-Dimethylphenol	7.87	122	153753	49.405	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	195925	44.161	ng		99
29) 2,4-Dichlorophenol	8.09	162	139284	43.496	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	152097	42.127	ng		95
31) Naphthalene	8.25	128	492396	45.557	ng		100
32) Benzoic acid	8.00	122	63754	28.954	ng		96
33) 4-Chloroaniline	8.30	127	36305	7.416	ng		99
34) Hexachlorobutadiene	8.35	225	84020	40.743	ng		98
35) Caprolactam	8.67	113	43586	40.740	ng		91
36) 4-Chloro-3-methylphenol	8.78	107	148790	43.083	ng		97
37) 2-Methylnaphthalene	8.94	142	330136	46.594	ng		98
38) 1-Methylnaphthalene	9.04	142	303540	44.546	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	139373	44.844	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	982	8.356	ng		86
43) 2,4,6-Trichlorophenol	9.22	196	89020	45.581	ng		97
44) 2,4,5-Trichlorophenol	9.27	196	91333	43.841	ng		96
46) 1,1'-Biphenyl	9.40	154	392721	42.877	ng		99
47) 2-Chloronaphthalene	9.43	162	293317	44.451	ng		99
48) 2-Nitroaniline	9.53	65	93392	45.928	ng		96
49) Acenaphthylene	9.85	152	445112	46.839	ng		99
50) Dimethylphthalate	9.70	163	347890	47.485	ng		99
51) 2,6-Dinitrotoluene	9.77	165	68858	42.725	ng		89
52) Acenaphthene	10.02	154	263747	43.917	ng		98
53) 3-Nitroaniline	9.95	138	41114	22.020	ng		93
54) 2,4-Dinitrophenol	10.07	184	3777	10.239	ng		89
55) Dibenzofuran	10.19	168	378221	43.046	ng		97
56) 4-Nitrophenol	10.11	139	83433	67.354	ng		95
57) 2,4-Dinitrotoluene	10.19	165	81750	39.012	ng		95
58) Fluorene	10.53	166	301493	44.673	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	67349	41.095	ng	#	90
60) Diethylphthalate	10.39	149	341321	47.091	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	148655	42.541	ng		98
62) 4-Nitroaniline	10.56	138	59273	31.525	ng		97
63) Azobenzene	10.68	77	294466	41.641	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	4403	5.590	ng		82
66) n-Nitrosodiphenylamine	10.64	169	260045	49.366	ng		96
67) 4-Bromophenyl-phenylether	11.01	248	80559	46.642	ng	#	88
68) Hexachlorobenzene	11.09	284	80939	44.448	ng	#	91
69) Atrazine	11.16	200	83755	52.001	ng		98
70) Pentachlorophenol	11.29	266	63567	65.421	ng		97
71) Phenanthrene	11.50	178	393218	46.965	ng		100
72) Anthracene	11.56	178	405787	48.045	ng		99
73) Carbazole	11.72	167	352945	43.513	ng		99
74) Di-n-butylphthalate	12.02	149	472426	49.667	ng		99
75) Fluoranthene	12.70	202	394318	46.975	ng		99
77) Benzidine	12.82	184	248933	71.438	ng		97
78) Pyrene	12.93	202	409534	41.975	ng		98
80) Butylbenzylphthalate	13.53	149	188235	44.825	ng		96
81) Benzo(a)anthracene	14.12	228	354757	46.841	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	115483	45.517	ng		97
83) Chrysene	14.16	228	335230	46.460	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	253396	48.642	ng		97
85) Di-n-octyl phthalate	14.69	149	450004	58.743	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	219932	42.476	ng		98
88) Benzo(b)fluoranthene	15.21	252	249025	51.396	ng		98
89) Benzo(k)fluoranthene	15.23	252	238466m	49.809	ng		
90) Benzo(a)pyrene	15.60	252	221199	50.247	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	183420	49.235	ng		99
92) Benzo(g,h,i)perylene	17.73	276	176561	47.768	ng		99

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

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