Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110900.D
Acq On : 20 Nov 2018 17:55
Operator : JU/SJ
Sample : J5981-04MSD 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MSD

Manual Integrations APPROVED
Sohil
11/21/2018 3:17:58 PM

Quant Time: Nov 21 04:38:29 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	64034	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	263775	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	121699	20.00	ng		-0.01
64) Phenanthrene-d10	11.49	188	175455	20.00	ng		0.00
76) Chrysene-d12	14.16	240	118599	20.00	ng		0.02
87) Perylene-d12	15.69	264	112208	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	126720	32.14	ng		0.00
7) Phenol-d6	6.56	99	165804	32.89	ng		-0.01
23) Nitrobenzene-d5	7.50	82	100756	22.00	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	30678	25.02	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	178050	20.89	ng		-0.01
79) Terphenyl-d14	13.06	244	122359	19.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	11846	6.031	ng		90
3) Pyridine	3.59	79	31651	7.465	ng	#	81
4) n-Nitrosodimethylamine	3.53	42	15563	8.555	ng	#	84
6) Aniline	6.61	93	37544	5.711	ng	#	62
8) 2-Chlorophenol	6.73	128	42894	9.282	ng		100
9) Benzaldehyde	6.50	77	21231	5.576	ng		96
10) Phenol	6.58	94	81591	13.958	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	37350	8.526	ng		94
12) 1,3-Dichlorobenzene	6.88	146	44114	8.724	ng		98
13) 1,4-Dichlorobenzene	6.96	146	45347	8.831	ng		99
14) 1,2-Dichlorobenzene	7.11	146	43263	9.057	ng		99
15) Benzyl Alcohol	7.09	79	36628	9.285	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	61845	8.990	ng		78
17) 2-Methylphenol	7.19	107	39398	10.712	ng	#	81
18) Hexachloroethane	7.45	117	15512	8.183	ng		93
19) n-Nitroso-di-n-propylamine	7.34	70	30284	9.411	ng		97
20) 3+4-Methylphenols	7.35	107	62772	13.295	ng	#	57
22) Acetophenone	7.35	105	62782	10.213	ng	#	90
24) Nitrobenzene	7.53	77	44734	9.533	ng		95
25) Isophorone	7.76	82	79865	10.639	ng		98
26) 2-Nitrophenol	7.85	139	20898	8.927	ng		98
27) 2,4-Dimethylphenol	7.87	122	42605	11.950	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	50458	9.927	ng		97
29) 2,4-Dichlorophenol	8.10	162	35981	9.808	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	38608	9.334	ng		96
31) Naphthalene	8.25	128	1330007	107.407	ng		100
32) Benzoic acid	8.02	122	7435	2.947	ng	#	25
33) 4-Chloroaniline	8.30	127	35589	6.345	ng		97
34) Hexachlorobutadiene	8.35	225	20731	8.775	ng		97
35) Caprolactam	8.65	113	10494	8.562	ng	#	75
36) 4-Chloro-3-methylphenol	8.78	107	39857	10.074	ng		95
37) 2-Methylnaphthalene	8.94	142	309284	38.101	ng		98
38) 1-Methylnaphthalene	9.04	142	290302	37.186	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	35436	9.199	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	23120	9.551	ng		94
44) 2,4,5-Trichlorophenol	9.27	196	24174	9.362	ng		94
46) 1,1'-Biphenyl	9.40	154	245724	21.644	ng		99
47) 2-Chloronaphthalene	9.43	162	75725	9.259	ng		99
48) 2-Nitroaniline	9.53	65	26472	10.503	ng		97
49) Acenaphthylene	9.85	152	1139160	96.713	ng		97
50) Dimethylphthalate	9.69	163	118201	13.017	ng		100
51) 2,6-Dinitrotoluene	9.77	165	17668	8.845	ng	#	76
52) Acenaphthene	10.02	154	336363	45.187	ng		98
53) 3-Nitroaniline	9.95	138	16930	7.315	ng	#	94
55) Dibenzofuran	10.20	168	1059469	97.282	ng		99
56) 4-Nitrophenol	10.13	139	18528	12.067	ng		88
57) 2,4-Dinitrotoluene	10.19	165	23197	8.931	ng	#	1
58) Fluorene	10.55	166	1381756	165.179	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	16839	8.290	ng	#	77
60) Diethylphthalate	10.39	149	86283	9.604	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	36995	8.541	ng		97
62) 4-Nitroaniline	10.56	138	15756	6.761	ng		97
63) Azobenzene	10.68	77	80947	9.235	ng	#	61
66) n-Nitrosodiphenylamine	10.64	169	73971	12.508	ng		92
67) 4-Bromophenyl-phenylether	11.01	248	20329	10.484	ng	#	84
68) Hexachlorobenzene	11.10	284	20053	9.809	ng		98
69) Atrazine	11.17	200	20369	11.264	ng		98
70) Pentachlorophenol	11.31	266	11132	10.204	ng		96
71) Phenanthrene	11.54	178	5005772	532.530	ng		97
72) Anthracene	11.58	178	2319632	244.628	ng		99
73) Carbazole	11.72	167	524482	57.594	ng		99
74) Di-n-butylphthalate	12.02	149	110559	10.353	ng	#	94
75) Fluoranthene	12.74	202	4680183	496.618	ng		98
77) Benzidine	12.83	184	29334	8.994	ng		98
78) Pyrene	12.97	202	3720874	407.461	ng		98
80) Butylbenzylphthalate	13.53	149	41847	10.647	ng		100
81) Benzo(a)anthracene	14.14	228	2314767	326.539	ng	#	89
82) 3,3'-Dichlorobenzidine	14.09	252	26645	11.220	ng	#	96
83) Chrysene	14.19	228	1719111	254.551	ng		96
84) Bis(2-ethylhexyl)phthalate	14.08	149	59490	12.201	ng		97
85) Di-n-octyl phthalate	14.69	149	106950	14.916	ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.29	276	651866	134.509	ng		97
88) Benzo(b)fluoranthene	15.24	252	1997508m	297.573	ng		
89) Benzo(k)fluoranthene	15.27	252	692376m	104.385	ng		
90) Benzo(a)pyrene	15.64	252	1373318	225.173	ng		100
91) Dibenzo(a,h)anthracene	17.28	278	197931	38.350	ng		94
92) Benzo(g,h,i)perylene	17.77	276	535627	104.597	ng		99

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

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