Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110377.D
Acq On : 1 Nov 2018 19:39
Operator : JU/SJ
Sample : J5747-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-9AMSD

Manual Integrations APPROVED
Sohil
11/2/2018 2:48:46 PM

Quant Time: Nov 02 04:48:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	78853	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	305195	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	129416	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	197775	20.00	ng		0.00
76) Chrysene-d12	14.14	240	158574	20.00	ng		0.00
87) Perylene-d12	15.66	264	171442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	574855	118.72	ng		0.01
7) Phenol-d6	6.59	99	719906	116.23	ng		0.00
23) Nitrobenzene-d5	7.52	82	452047	87.85	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	137649	107.37	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	811829	98.50	ng		0.00
79) Terphenyl-d14	13.07	244	572813	75.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	68452	26.982	ng		89
3) Pyridine	3.68	79	19275	3.411	ng		94
4) n-Nitrosodimethylamine	3.58	42	102817	43.431	ng		92
6) Aniline	6.62	93	133561	16.554	ng	#	53
8) 2-Chlorophenol	6.75	128	218209	39.087	ng		98
9) Benzaldehyde	6.51	77	164697	48.852	ng		98
10) Phenol	6.60	94	302965	45.762	ng	#	65
11) bis(2-Chloroethyl)ether	6.69	93	198690	36.478	ng		96
12) 1,3-Dichlorobenzene	6.90	146	231957	37.756	ng		98
13) 1,4-Dichlorobenzene	6.97	146	236002	37.982	ng		98
14) 1,2-Dichlorobenzene	7.13	146	224127	38.856	ng		98
15) Benzyl Alcohol	7.09	79	190411	39.972	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	327384	37.593	ng		69
17) 2-Methylphenol	7.20	107	175313	39.404	ng	#	80
18) Hexachloroethane	7.47	117	87321	38.385	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	144663	36.408	ng		96
20) 3+4-Methylphenols	7.36	107	219309	38.134	ng	#	89
22) Acetophenone	7.36	105	302903	43.073	ng	#	95
24) Nitrobenzene	7.54	77	223654	42.101	ng		96
25) Isophorone	7.77	82	396359	45.190	ng		96
26) 2-Nitrophenol	7.86	139	111357	44.050	ng		93
27) 2,4-Dimethylphenol	7.89	122	183609	43.808	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	251220	42.162	ng		99
29) 2,4-Dichlorophenol	8.09	162	172086	40.640	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	194636	41.037	ng		94
31) Naphthalene	8.26	128	617862	43.926	ng		99
32) Benzoic acid	7.96	122	22271	6.875	ng		95
33) 4-Chloroaniline	8.31	127	134423	21.234	ng		97
34) Hexachlorobutadiene	8.37	225	108441	41.178	ng		100
35) Caprolactam	8.67	113	40196m	27.236	ng		
36) 4-Chloro-3-methylphenol	8.79	107	176329	38.509	ng		96
37) 2-Methylnaphthalene	8.95	142	413002	44.377	ng		100
38) 1-Methylnaphthalene	9.05	142	387097	43.042	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	175575	43.542	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	129460	62.788	ng	100
43) 2,4,6-Trichlorophenol	9.23	196	109437	42.078	ng	99
44) 2,4,5-Trichlorophenol	9.27	196	113168	41.165	ng	96
46) 1,1'-Biphenyl	9.42	154	485188	41.458	ng	99
47) 2-Chloronaphthalene	9.45	162	365040	42.523	ng	100
48) 2-Nitroaniline	9.54	65	107147	41.188	ng	98
49) Acenaphthylene	9.86	152	553203	44.616	ng	100
50) Dimethylphthalate	9.71	163	497568	52.084	ng	100
51) 2,6-Dinitrotoluene	9.78	165	85259	41.432	ng	95
52) Acenaphthene	10.03	154	330277	40.265	ng	97
53) 3-Nitroaniline	9.95	138	71255	29.118	ng	96
54) 2,4-Dinitrophenol	10.06	184	28844	38.208	ng	86
55) Dibenzofuran	10.20	168	465992	40.576	ng	97
56) 4-Nitrophenol	10.12	139	147836	81.626	ng	87
57) 2,4-Dinitrotoluene	10.19	165	107311	41.056	ng	91
58) Fluorene	10.55	166	361252	42.266	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	82463m	36.801	ng	
60) Diethylphthalate	10.41	149	374008	40.106	ng	100
61) 4-Chlorophenyl-phenylether	10.53	204	179191	39.742	ng	98
62) 4-Nitroaniline	10.57	138	75724	31.112	ng	91
63) Azobenzene	10.70	77	365235	39.457	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	31233	34.566	ng	97
66) n-Nitrosodiphenylamine	10.65	169	301566	46.488	ng	97
67) 4-Bromophenyl-phenylether	11.03	248	96764	45.105	ng	94
68) Hexachlorobenzene	11.10	284	100383	44.101	ng	97
69) Atrazine	11.17	200	87928	42.891	ng	99
70) Pentachlorophenol	11.29	266	78649	59.256	ng	97
71) Phenanthrene	11.52	178	464419	44.878	ng	99
72) Anthracene	11.57	178	481525	46.422	ng	97
73) Carbazole	11.72	167	381252	37.644	ng	99
74) Di-n-butylphthalate	12.03	149	505546	44.197	ng	99
75) Fluoranthene	12.70	202	432963	41.225	ng	99
78) Pyrene	12.94	202	431212	37.931	ng	98
80) Butylbenzylphthalate	13.54	149	204804	41.506	ng	95
81) Benzo(a)anthracene	14.13	228	423210	45.004	ng	100
82) 3,3'-Dichlorobenzidine	14.08	252	95072	29.034	ng	99
83) Chrysene	14.16	228	401649	44.969	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	279243	41.864	ng	98
85) Di-n-octyl phthalate	14.70	149	511081	49.276	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	444488	59.987	ng	98
88) Benzo(b)fluoranthene	15.21	252	444085	44.856	ng	100
89) Benzo(k)fluoranthene	15.24	252	399798	41.077	ng	99
90) Benzo(a)pyrene	15.60	252	424230	46.569	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	371153	47.218	ng	99
92) Benzo(g,h,i)perylene	17.70	276	343990	44.410	ng	96

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

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