Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077574.D
Acq On : 4 Mar 2015 5:45
Operator : TP/IZ
Sample : G1332-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA-2MSD

Manual Integrations APPROVED
mohammad
3/4/2015 4:42:32 PM

Quant Time: Mar 04 08:09:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 04:46:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	76960	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	335489	20.00	ng		0.00
38) Acenaphthene-d10	10.99	164	168223	20.00	ng		0.00
63) Phenanthrene-d10	12.83	188	323461	20.00	ng		0.00
75) Chrysene-d12	16.13	240	346938	20.00	ng		0.00
86) Perylene-d12	17.84	264	303073	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	383427	83.17	ng		0.00
7) Phenol-d6	6.80	99	425529	71.79	ng		0.00
23) Nitrobenzene-d5	7.93	82	243296	45.10	ng		0.00
41) 2,4,6-Tribromophenol	11.97	330	107376	66.29	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	516327	47.86	ng		0.00
78) Terphenyl-d14	14.83	244	616899	41.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	45549	23.28	ng		99
3) Pyridine	2.93	79	116490	20.82	ng		94
4) n-Nitrosodimethylamine	2.82	42	57017	23.43	ng		96
6) Aniline	6.83	93	47535	5.80	ng		99
8) 2-Chlorophenol	6.97	128	118522	21.79	ng		92
9) Benzaldehyde	6.68	77	20137	5.60	ng		98
10) Phenol	6.81	94	143104	20.35	ng		91
11) bis(2-Chloroethyl)ether	6.92	93	109499	21.67	ng		89
12) 1,3-Dichlorobenzene	7.16	146	132581	22.39	ng	#	90
13) 1,4-Dichlorobenzene	7.26	146	123626	20.52	ng		94
14) 1,2-Dichlorobenzene	7.44	146	122035	21.30	ng		97
15) Benzyl Alcohol	7.42	79	97665	21.68	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.60	45	145155	20.09	ng		96
17) 2-Methylphenol	7.56	107	94784	22.30	ng		96
18) Hexachloroethane	7.86	117	45064	22.40	ng		92
19) n-Nitroso-di-n-propylamine	7.75	70	77993	20.72	ng	#	90
20) 3+4-Methylphenols	7.76	107	121693	21.74	ng	#	74
22) Acetophenone	7.74	105	164396	20.83	ng	#	86
24) Nitrobenzene	7.95	77	120379	21.21	ng		88
25) Isophorone	8.25	82	217835	20.35	ng	#	92
26) 2-Nitrophenol	8.34	139	51087	21.96	ng	#	85
27) 2,4-Dimethylphenol	8.41	122	102696	19.73	ng		99
28) bis(2-Chloroethoxy)methane	8.53	93	127940	18.92	ng		100
29) 2,4-Dichlorophenol	8.64	162	95757	19.60	ng		99
30) 1,2,4-Trichlorobenzene	8.75	180	105503	19.64	ng		95
31) Naphthalene	8.84	128	359294	21.42	ng		98
32) Benzoic acid	8.49	122	33268	13.15	ng		95
33) 4-Chloroaniline	8.92	127	46634	6.25	ng	#	90
34) Hexachlorobutadiene	9.00	225	57472	18.74	ng		98
35) Caprolactam	9.33	113	29942	20.07	ng	#	84
36) 4-Chloro-3-methylphenol	9.52	107	108701	22.13	ng	#	84
37) 2-Methylnaphthalene	9.70	142	250622	21.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.90	216	103590	21.46	ng		98
40) Hexachlorocyclopentadiene	9.89	237	59055	22.82	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	71009	22.21	ng		97
43) 2,4,5-Trichlorophenol	10.10	196	74627	21.83	ng		99
45) 1,1'-Biphenyl	10.28	154	281063	22.05	ng		99
46) 2-Chloronaphthalene	10.30	162	231971	23.21	ng		95
47) 2-Nitroaniline	10.43	65	63284	25.72	ng		90
48) Acenaphthylene	10.81	152	365925	23.13	ng		100
49) Dimethylphthalate	10.67	163	271733	22.98	ng		98
50) 2,6-Dinitrotoluene	10.74	165	56570	23.86	ng	#	64
51) Acenaphthene	11.03	154	197719	20.94	ng		98
52) 3-Nitroaniline	10.94	138	51699	18.91	ng		83
53) 2,4-Dinitrophenol	11.08	184	13994	19.39	ng		91
54) Dibenzofuran	11.24	168	360711	24.74	ng		98
55) 4-Nitrophenol	11.16	139	116641	53.04	ng		90
56) 2,4-Dinitrotoluene	11.24	165	83678	26.11	ng	#	91
57) Fluorene	11.67	166	261959	22.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.40	232	61172	22.26	ng	#	97
59) Diethylphthalate	11.55	149	244397	20.96	ng		97
60) 4-Chlorophenyl-phenylether	11.68	204	114479	20.38	ng	#	89
61) 4-Nitroaniline	11.69	138	57303	21.87	ng		88
62) Azobenzene	11.87	77	240389	21.73	ng		97
64) 4,6-Dinitro-2-methylphenol	11.74	198	13158	13.12	ng	#	8
65) n-Nitrosodiphenylamine	11.83	169	234283	21.83	ng		96
66) 4-Bromophenyl-phenylether	12.28	248	80852	21.35	ng	#	88
67) Hexachlorobenzene	12.35	284	84985	20.90	ng	#	86
68) Atrazine	12.50	200	75426	21.62	ng		97
69) Pentachlorophenol	12.60	266	84853	39.71	ng		98
70) Phenanthrene	12.86	178	395969	21.12	ng		98
71) Anthracene	12.92	178	372721	20.03	ng		98
72) Carbazole	13.13	167	343072	19.39	ng		97
73) Di-n-butylphthalate	13.59	149	361080	17.38	ng		100
74) Fluoranthene	14.34	202	460105	22.47	ng		96
76) Benzidine	14.52	184	168417	14.37	ng	#	94
77) Pyrene	14.62	202	484787	22.84	ng		99
79) Butylbenzylphthalate	15.45	149	173681	19.89	ng	#	76
80) Benzo(a)anthracene	16.12	228	424148	20.86	ng		97
81) 3,3'-Dichlorobenzidine	16.09	252	74965	10.06	ng	#	89
82) Chrysene	16.16	228	400151	20.96	ng		98
83) Bis(2-ethylhexyl)phthalate	16.17	149	226544	16.18	ng	#	98
84) Di-n-octyl phthalate	16.95	149	337197	14.43	ng	#	41
85) Indeno(1,2,3-cd)pyrene	19.28	276	462183	21.23	ng		99
87) Benzo(b)fluoranthene	17.40	252	401264	22.77	ng	#	88
88) Benzo(k)fluoranthene	17.43	252	317157m	18.36	ng		
89) Benzo(a)pyrene	17.77	252	352906	21.03	ng	#	89
90) Dibenzo(a,h)anthracene	19.30	278	357972	22.36	ng	#	95
91) Benzo(g,h,i)perylene	19.70	276	348658	21.58	ng		96

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

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