Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075556.D
Acq On : 15 Nov 2014 22:24
Operator : TP / JJ
Sample : F4695-04MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-75(15-20)MSD

Manual Integrations APPROVED
mohammad
11/17/2014 7:37:50 PM

Quant Time: Nov 16 07:03:12 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	50138	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	216243	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	112608	20.00	ng		-0.02
63) Phenanthrene-d10	13.16	188	200174	20.00	ng		-0.03
75) Chrysene-d12	16.46	240	221526	20.00	ng		-0.08
86) Perylene-d12	18.21	264	225589	20.00	ng		-0.23
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	339674	119.68	ng		-0.02
7) Phenol-d6	7.10	99	425042	124.54	ng		-0.01
23) Nitrobenzene-d5	8.24	82	242630	82.26	ng		-0.02
41) 2,4,6-Tribromophenol	12.30	330	109576	116.18	ng		-0.02
44) 2-Fluorobiphenyl	10.48	172	466444	74.85	ng		-0.01
78) Terphenyl-d14	15.16	244	552485m	67.14	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	37464	31.44	ng		97
3) Pyridine	3.28	79	86537m	27.03	ng		
4) n-Nitrosodimethylamine	3.18	42	60405m	35.65	ng		
6) Aniline	7.13	93	53607	10.87	ng		99
8) 2-Chlorophenol	7.28	128	113054	34.42	ng		93
9) Benzaldehyde	7.00	77	7090	3.09	ng		96
10) Phenol	7.11	94	148754	35.73	ng		95
11) bis(2-Chloroethyl)ether	7.24	93	119323	37.84	ng	#	81
12) 1,3-Dichlorobenzene	7.48	146	120231	33.59	ng		99
13) 1,4-Dichlorobenzene	7.57	146	117907	32.38	ng		98
14) 1,2-Dichlorobenzene	7.76	146	116510	34.12	ng	#	91
15) Benzyl Alcohol	7.73	79	94005	35.09	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.91	45	226871	34.75	ng		94
17) 2-Methylphenol	7.86	107	91253	33.56	ng		98
18) Hexachloroethane	8.17	117	43346	34.71	ng		92
19) n-Nitroso-di-n-propylamine	8.06	70	80199	34.49	ng		96
20) 3+4-Methylphenols	8.06	107	121825	34.21	ng		95
22) Acetophenone	8.06	105	170890	36.63	ng		95
24) Nitrobenzene	8.26	77	128677	37.65	ng		99
25) Isophorone	8.56	82	229167	34.03	ng		98
26) 2-Nitrophenol	8.65	139	56684	36.39	ng	#	94
27) 2,4-Dimethylphenol	8.71	122	99130	32.84	ng		97
28) bis(2-Chloroethoxy)methane	8.84	93	147145	35.86	ng		99
29) 2,4-Dichlorophenol	8.95	162	91976	34.78	ng		90
30) 1,2,4-Trichlorobenzene	9.06	180	92294	33.24	ng		99
31) Naphthalene	9.16	128	387806	40.23	ng		100
32) Benzoic acid	8.79	122	47944	26.29	ng		90
33) 4-Chloroaniline	9.22	127	46577	11.12	ng		98
34) Hexachlorobutadiene	9.32	225	46972	31.30	ng		95
35) Caprolactam	9.64	113	31183	35.58	ng		93
36) 4-Chloro-3-methylphenol	9.83	107	100700	34.71	ng		91
37) 2-Methylnaphthalene	10.01	142	240241	36.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	84579	36.54	ng		98
40) Hexachlorocyclopentadiene	10.21	237	81555	58.00	ng		97

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Quant Time: Nov 16 07:03:12 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	62232	33.81	ng		99
43) 2,4,5-Trichlorophenol	10.41	196	66946	34.92	ng	#	94
45) 1,1'-Biphenyl	10.60	154	265790	34.99	ng		99
46) 2-Chloronaphthalene	10.62	162	219318	36.93	ng		97
47) 2-Nitroaniline	10.74	65	70620	39.52	ng		94
48) Acenaphthylene	11.13	152	361839	36.95	ng		98
49) Dimethylphthalate	10.99	163	312626	40.61	ng		100
50) 2,6-Dinitrotoluene	11.05	165	54669	36.06	ng		85
51) Acenaphthene	11.35	154	224816	38.03	ng		98
52) 3-Nitroaniline	11.26	138	43518	24.34	ng	#	87
53) 2,4-Dinitrophenol	11.39	184	36549	51.15	ng		83
54) Dibenzofuran	11.57	168	305314	36.14	ng		95
55) 4-Nitrophenol	11.47	139	113641	79.52	ng	#	82
56) 2,4-Dinitrotoluene	11.56	165	75838	38.07	ng		95
57) Fluorene	11.99	166	250040	36.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	54345	35.71	ng	#	97
59) Diethylphthalate	11.87	149	248409	31.10	ng		95
60) 4-Chlorophenyl-phenylether	12.00	204	104537	35.59	ng	#	87
61) 4-Nitroaniline	12.01	138	59525	33.31	ng		85
62) Azobenzene	12.20	77	271526	38.64	ng		89
64) 4,6-Dinitro-2-methylphenol	12.05	198	28236	27.89	ng	#	41
65) n-Nitrosodiphenylamine	12.14	169	209329	33.06	ng		97
66) 4-Bromophenyl-phenylether	12.61	248	63130	33.52	ng	#	86
67) Hexachlorobenzene	12.68	284	71869	33.60	ng	#	81
68) Atrazine	12.81	200	65424	33.30	ng		97
69) Pentachlorophenol	12.92	266	84465	62.93	ng		98
70) Phenanthrene	13.19	178	383026	36.36	ng		100
71) Anthracene	13.26	178	393874	36.17	ng		98
72) Carbazole	13.45	167	376459	35.33	ng		98
73) Di-n-butylphthalate	13.90	149	467495	31.76	ng		100
74) Fluoranthene	14.68	202	414121	36.70	ng		92
76) Benzidine	14.85	184	152283m	21.62	ng		
77) Pyrene	14.95	202	447267m	34.73	ng		
79) Butylbenzylphthalate	15.76	149	216971	30.00	ng	#	80
80) Benzo(a)anthracene	16.45	228	416617	35.80	ng		99
81) 3,3'-Dichlorobenzidine	16.41	252	64232	14.95	ng	#	97
82) Chrysene	16.49	228	381453	37.90	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	330256	28.99	ng	#	99
84) Di-n-octyl phthalate	17.27	149	590992m	29.47	ng		
85) Indeno(1,2,3-cd)pyrene	19.76	276	469614m	38.46	ng		
87) Benzo(b)fluoranthene	17.75	252	441178	36.58	ng	#	94
88) Benzo(k)fluoranthene	17.77	252	379580	35.07	ng		99
89) Benzo(a)pyrene	18.14	252	404430	37.47	ng		97
90) Dibenzo(a,h)anthracene	19.80	278	399431	35.44	ng	#	95
91) Benzo(g,h,i)perylene	20.23	276	400692	37.32	ng		98

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

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