Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF083000.D
Acq On : 18 Nov 2015 7:52
Operator : UM/IZ
Sample : G4366-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1MS

Manual Integrations APPROVED
mohammad
11/19/2015 8:26:00 AM

Quant Time: Nov 18 15:33:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	165163	20.00	ng		0.01
21) Naphthalene-d8	8.04	136	673050	20.00	ng		0.02
38) Acenaphthene-d10	9.79	164	311033	20.00	ng		0.01
63) Phenanthrene-d10	11.28	188	623248	20.00	ng		0.02
75) Chrysene-d12	13.91	240	476209	20.00	ng		0.01
86) Perylene-d12	15.30	264	587482	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1376538	129.68	ng		0.05
7) Phenol-d6	6.42	99	1688657	119.66	ng		0.02
23) Nitrobenzene-d5	7.32	82	1194955	77.25	ng		0.01
41) 2,4,6-Tribromophenol	10.59	330	479962	134.58	ng		0.02
44) 2-Fluorobiphenyl	9.13	172	2123324	97.84	ng		0.02
78) Terphenyl-d14	12.87	244	1972636	98.25	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	210130	45.88	ng	#	82
3) Pyridine	3.10	79	470943m	35.43	ng		
4) n-Nitrosodimethylamine	3.02	42	268351	40.71	ng	#	70
6) Aniline	6.42	93	333731	16.84	ng	#	1
8) 2-Chlorophenol	6.54	128	489671	41.61	ng		83
9) Benzaldehyde	6.29	77	275297	35.31	ng		92
10) Phenol	6.43	94	663345	41.43	ng		80
11) bis(2-Chloroethyl)ether	6.50	93	599243	50.04	ng		86
12) 1,3-Dichlorobenzene	6.69	146	540036m	40.69	ng		
13) 1,4-Dichlorobenzene	6.77	146	588924	42.65	ng		93
14) 1,2-Dichlorobenzene	6.92	146	471407	37.54	ng		94
15) Benzyl Alcohol	6.91	79	509073	41.08	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	856105	48.74	ng		93
17) 2-Methylphenol	7.02	107	423646	42.50	ng		99
18) Hexachloroethane	7.26	117	200208	40.54	ng		99
19) n-Nitroso-di-n-propylamine	7.17	70	415954	40.10	ng		92
20) 3+4-Methylphenols	7.18	107	534394	41.24	ng	#	60
22) Acetophenone	7.17	105	763643	39.60	ng	#	96
24) Nitrobenzene	7.34	77	612755	38.74	ng		91
25) Isophorone	7.58	82	1133324	39.60	ng		97
26) 2-Nitrophenol	7.65	139	260999	39.53	ng	#	76
27) 2,4-Dimethylphenol	7.71	122	501763	42.29	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	741100	45.91	ng		99
29) 2,4-Dichlorophenol	7.90	162	446350	41.63	ng		90
30) 1,2,4-Trichlorobenzene	7.98	180	487588	40.44	ng		97
31) Naphthalene	8.06	128	1542532	41.54	ng		99
32) Benzoic acid	7.84	122	256677	31.60	ng		88
33) 4-Chloroaniline	8.11	127	260437	16.27	ng		94
34) Hexachlorobutadiene	8.19	225	300919	39.88	ng		99
35) Caprolactam	8.49	113	117155m	34.66	ng		
36) 4-Chloro-3-methylphenol	8.61	107	514305	40.79	ng	#	86
37) 2-Methylnaphthalene	8.75	142	935252	38.93	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	436883	42.74	ng		97
40) Hexachlorocyclopentadiene	8.91	237	414481	75.48	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF083000.D
Acq On : 18 Nov 2015 7:52
Operator : UM/IZ
Sample : G4366-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Manual Integrations APPROVED
mohammad
11/19/2015 8:26:00 AM

Quant Time: Nov 18 15:33:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	321789	42.18	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	336209	44.56	ng	#	89
45) 1,1'-Biphenyl	9.22	154	1130918	42.37	ng		95
46) 2-Chloronaphthalene	9.24	162	945535	45.42	ng		98
47) 2-Nitroaniline	9.34	65	366906	47.51	ng	#	56
48) Acenaphthylene	9.65	152	1614230	49.48	ng		99
49) Dimethylphthalate	9.53	163	1065602	41.82	ng		100
50) 2,6-Dinitrotoluene	9.58	165	251031	46.17	ng		95
51) Acenaphthene	9.82	154	954902	46.18	ng		99
52) 3-Nitroaniline	9.76	138	196312	32.83	ng	#	65
53) 2,4-Dinitrophenol	9.86	184	202935	67.98	ng	#	22
54) Dibenzofuran	10.01	168	1300088	46.63	ng	#	84
55) 4-Nitrophenol	9.94	139	372990	81.30	ng		88
56) 2,4-Dinitrotoluene	9.98	165	318208	43.13	ng		90
57) Fluorene	10.34	166	990706	43.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	257766	41.86	ng	#	90
59) Diethylphthalate	10.24	149	1119505	44.99	ng		96
60) 4-Chlorophenyl-phenylether	10.34	204	497765	44.06	ng		94
61) 4-Nitroaniline	10.37	138	271174	45.09	ng	#	74
62) Azobenzene	10.50	77	1331254	49.81	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	151755	34.18	ng	#	63
65) n-Nitrosodiphenylamine	10.46	169	946579	42.04	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	317422	42.30	ng		98
67) Hexachlorobenzene	10.89	284	339058	40.46	ng	#	88
68) Atrazine	10.99	200	283449	40.71	ng		98
69) Pentachlorophenol	11.09	266	383839	75.43	ng		99
70) Phenanthrene	11.30	178	1428032	39.46	ng		99
71) Anthracene	11.36	178	1711106	44.88	ng		99
72) Carbazole	11.50	167	1336784	40.06	ng		99
73) Di-n-butylphthalate	11.85	149	1603286	38.56	ng		99
74) Fluoranthene	12.49	202	1751611	45.10	ng		97
76) Benzidine	12.61	184	668667	41.90	ng		97
77) Pyrene	12.72	202	1727933	52.84	ng		99
79) Butylbenzylphthalate	13.35	149	841070	58.21	ng	#	85
80) Benzo(a)anthracene	13.89	228	1451776	48.75	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	323498	30.56	ng	#	96
82) Chrysene	13.94	228	1468534	53.84	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	1021164	51.64	ng		99
84) Di-n-octyl phthalate	14.52	149	2394678	72.60	ng		96
85) Indeno(1,2,3-cd)pyrene	16.65	276	1501351	63.91	ng	#	93
87) Benzo(b)fluoranthene	14.91	252	1947059m	51.63	ng		
88) Benzo(k)fluoranthene	14.95	252	1097831m	32.82	ng		
89) Benzo(a)pyrene	15.25	252	1434347	43.90	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	1241295	44.87	ng	#	97
91) Benzo(g,h,i)perylene	17.05	276	1232029	46.49	ng		97

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF083000.D
Acq On : 18 Nov 2015 7:52
Operator : UM/IZ
Sample : G4366-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 18 15:33:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Manual Integrations APPROVED
mohammad
11/19/2015 8:26:00 AM