Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081948.D
Acq On : 1 Oct 2015 19:41
Operator : UM/IZ
Sample : G3707-06
Misc : LOQ 20 PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER2015-02

Manual Integrations APPROVED
apatel
10/2/2015 9:02:39 AM

Quant Time: Oct 02 03:07:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	114954	20.00	ng		-0.05
21) Naphthalene-d8	8.18	136	469953	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	221566	20.00	ng		-0.05
63) Phenanthrene-d10	11.42	188	447105	20.00	ng		-0.05
75) Chrysene-d12	14.06	240	456915	20.00	ng		-0.06
86) Perylene-d12	15.50	264	359705	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	638844	100.88	ng		-0.02
7) Phenol-d6	6.53	99	849970	106.67	ng		-0.03
23) Nitrobenzene-d5	7.46	82	515816	73.17	ng		-0.03
41) 2,4,6-Tribromophenol	10.72	330	238658	106.36	ng		-0.05
44) 2-Fluorobiphenyl	9.26	172	1009978	74.46	ng		-0.05
78) Terphenyl-d14	13.01	244	1103443	75.67	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	35370	12.84	ng		90
3) Pyridine	3.34	79	77075	10.75	ng	#	83
4) n-Nitrosodimethylamine	3.27	42	27034	8.30	ng		90
6) Aniline	6.56	93	79777	7.45	ng		91
8) 2-Chlorophenol	6.67	128	104411	14.93	ng		87
9) Benzaldehyde	6.45	77	77636	14.88	ng	#	86
10) Phenol	6.54	94	125045	13.99	ng		83
11) bis(2-Chloroethyl)ether	6.63	93	105316	15.19	ng		98
12) 1,3-Dichlorobenzene	6.83	146	121848	14.75	ng	#	95
13) 1,4-Dichlorobenzene	6.91	146	127724	14.81	ng	#	96
14) 1,2-Dichlorobenzene	7.06	146	125020m	16.27	ng		
15) Benzyl Alcohol	7.04	79	67694	11.77	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	149606	15.27	ng		75
17) 2-Methylphenol	7.14	107	78296	13.81	ng	#	86
18) Hexachloroethane	7.41	117	41698	15.44	ng	#	80
19) n-Nitroso-di-n-propylamine	7.30	70	69907	14.43	ng	#	77
20) 3+4-Methylphenols	7.30	107	94079	13.14	ng	#	51
22) Acetophenone	7.30	105	138935	14.46	ng	#	77
24) Nitrobenzene	7.49	77	97243	12.70	ng	#	81
25) Isophorone	7.71	82	196674	14.07	ng	#	90
26) 2-Nitrophenol	7.79	139	51194	13.93	ng	#	52
27) 2,4-Dimethylphenol	7.83	122	84080	13.01	ng	#	81
28) bis(2-Chloroethoxy)methane	7.93	93	129095	15.56	ng	#	93
29) 2,4-Dichlorophenol	8.03	162	94883	15.14	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	101854	14.55	ng		99
31) Naphthalene	8.21	128	325508	15.63	ng		99
32) Benzoic acid	7.91	122	21971	12.16	ng		88
33) 4-Chloroaniline	8.26	127	60722	6.74	ng	#	94
34) Hexachlorobutadiene	8.32	225	63162	15.26	ng		98
35) Caprolactam	8.59	113	23702	13.66	ng		86
36) 4-Chloro-3-methylphenol	8.73	107	89204	14.55	ng		93
37) 2-Methylnaphthalene	8.89	142	212503	14.95	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	99259	14.59	ng	#	97
40) Hexachlorocyclopentadiene	9.04	237	49566	14.15	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	56872	12.20	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	75980	15.84	ng	#	95
45) 1,1'-Biphenyl	9.36	154	265424	15.53	ng		96
46) 2-Chloronaphthalene	9.38	162	213671	15.92	ng		97
47) 2-Nitroaniline	9.49	65	52945	13.44	ng		89
48) Acenaphthylene	9.79	152	348775	16.24	ng		97
49) Dimethylphthalate	9.66	163	242826	15.88	ng	#	97
50) 2,6-Dinitrotoluene	9.71	165	47642	14.35	ng	#	45
51) Acenaphthene	9.97	154	200299	15.70	ng		90
52) 3-Nitroaniline	9.90	138	39207	10.21	ng	#	75
53) 2,4-Dinitrophenol	10.00	184	10699	13.98	ng	#	30
54) Dibenzofuran	10.14	168	295896	16.41	ng	#	90
55) 4-Nitrophenol	10.06	139	27589	9.94	ng	#	65
56) 2,4-Dinitrotoluene	10.13	165	66722	15.76	ng	#	97
57) Fluorene	10.48	166	230026	16.49	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.25	232	63485	16.69	ng	#	93
59) Diethylphthalate	10.35	149	241743	16.92	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	106362	16.11	ng		96
61) 4-Nitroaniline	10.50	138	54249	14.08	ng	#	51
62) Azobenzene	10.64	77	228565	16.39	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	23354	14.36	ng		80
65) n-Nitrosodiphenylamine	10.59	169	207466	15.34	ng		93
66) 4-Bromophenyl-phenylether	10.97	248	68456	15.19	ng	#	86
67) Hexachlorobenzene	11.03	284	73514	14.45	ng	#	77
68) Atrazine	11.12	200	63751	15.19	ng		82
69) Pentachlorophenol	11.22	266	32511	11.21	ng		99
70) Phenanthrene	11.44	178	340817	14.72	ng		98
71) Anthracene	11.50	178	394539	17.36	ng		98
72) Carbazole	11.66	167	315141	15.32	ng		97
73) Di-n-butylphthalate	11.98	149	363086	16.48	ng	#	99
74) Fluoranthene	12.63	202	377063	15.74	ng		90
76) Benzidine	12.78	184	80233	5.83	ng		97
77) Pyrene	12.86	202	385981	14.14	ng		97
79) Butylbenzylphthalate	13.48	149	153206	14.92	ng	#	85
80) Benzo(a)anthracene	14.05	228	353192	14.35	ng		96
81) 3,3'-Dichlorobenzidine	14.01	252	64554	7.77	ng	#	94
82) Chrysene	14.08	228	348600	12.38	ng		94
83) Bis(2-ethylhexyl)phthalate	14.04	149	222916	17.30	ng	#	93
84) Di-n-octyl phthalate	14.64	149	339647	16.20	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.93	276	252053	13.10	ng	#	89
87) Benzo(b)fluoranthene	15.09	252	303659	14.79	ng	#	85
88) Benzo(k)fluoranthene	15.11	252	324724m	17.25	ng		
89) Benzo(a)pyrene	15.44	252	282027	15.83	ng	#	86
90) Dibenzo(a,h)anthracene	16.95	278	211464	14.15	ng	#	82
91) Benzo(g,h,i)perylene	17.35	276	204753	13.37	ng	#	79

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

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