Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080063.D
Acq On : 19 Jun 2015 17:58
Operator : TP/IZ
Sample : G2653-06
Misc : LOQ-SVOC-WATER-20PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER2015-02

Manual Integrations APPROVED
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6/22/2015 2:40:27 PM

Quant Time: Jun 20 00:51:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	39524	20.00	ng		-0.01
21) Naphthalene-d8	8.62	136	166568	20.00	ng		-0.01
38) Acenaphthene-d10	10.39	164	89292	20.00	ng		-0.01
63) Phenanthrene-d10	11.91	188	181968	20.00	ng		0.00
75) Chrysene-d12	14.94	240	214023	20.00	ng		0.08
86) Perylene-d12	16.86	264	204066	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	241661	108.23	ng		0.00
7) Phenol-d6	6.93	99	305609	102.86	ng		-0.01
23) Nitrobenzene-d5	7.89	82	188369	65.84	ng		-0.01
41) 2,4,6-Tribromophenol	11.19	330	89002	101.93	ng		-0.01
44) 2-Fluorobiphenyl	9.69	172	372834	59.55	ng		-0.01
78) Terphenyl-d14	13.64	244	538603	58.77	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	11912	11.22	ng		90
3) Pyridine	4.08	79	30819	10.92	ng		87
4) n-Nitrosodimethylamine	3.96	42	16983	12.66	ng		89
6) Aniline	6.98	93	35573	8.70	ng		91
8) 2-Chlorophenol	7.11	128	36014	13.96	ng		87
9) Benzaldehyde	6.88	77	26558	15.48	ng		92
10) Phenol	6.94	94	40948	12.63	ng	#	57
11) bis(2-Chloroethyl)ether	7.04	93	31781	12.35	ng		95
12) 1,3-Dichlorobenzene	7.27	146	36616m	11.81	ng		
13) 1,4-Dichlorobenzene	7.35	146	42034m	14.26	ng		
14) 1,2-Dichlorobenzene	7.51	146	37017	12.90	ng		96
15) Benzyl Alcohol	7.45	79	31618	13.02	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.59	45	53339	13.97	ng		88
17) 2-Methylphenol	7.56	107	27784	12.60	ng	#	82
18) Hexachloroethane	7.85	117	12807	13.05	ng	#	86
19) n-Nitroso-di-n-propylamine	7.72	70	24087	11.68	ng	#	78
20) 3+4-Methylphenols	7.72	107	36467	12.82	ng	#	84
22) Acetophenone	7.73	105	52982	13.65	ng	#	84
24) Nitrobenzene	7.90	77	35694	12.09	ng	#	56
25) Isophorone	8.14	82	68164	11.84	ng	#	85
26) 2-Nitrophenol	8.23	139	15342	12.41	ng	#	74
27) 2,4-Dimethylphenol	8.25	122	31134	12.08	ng		87
28) bis(2-Chloroethoxy)methane	8.34	93	46323	13.69	ng	#	92
29) 2,4-Dichlorophenol	8.47	162	28996	13.14	ng		95
30) 1,2,4-Trichlorobenzene	8.56	180	33516	13.37	ng		99
31) Naphthalene	8.64	128	109221m	12.54	ng		
32) Benzoic acid	8.29	122	6254	4.01	ng	#	67
33) 4-Chloroaniline	8.68	127	28162m	7.56	ng		
34) Hexachlorobutadiene	8.77	225	17804	11.53	ng		99
35) Caprolactam	9.01	113	8012	11.18	ng		92
36) 4-Chloro-3-methylphenol	9.14	107	31437	12.63	ng	#	77
37) 2-Methylnaphthalene	9.34	142	77929	13.83	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	35976	13.85	ng	#	98
40) Hexachlorocyclopentadiene	9.50	237	12858	15.11	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	23019	13.02	ng		100
43) 2,4,5-Trichlorophenol	9.65	196	23521	11.55	ng	#	91
45) 1,1'-Biphenyl	9.80	154	86582	11.92	ng		92
46) 2-Chloronaphthalene	9.83	162	72138	12.24	ng		96
47) 2-Nitroaniline	9.91	65	17620	10.89	ng	#	61
48) Acenaphthylene	10.25	152	122013	12.40	ng		98
49) Dimethylphthalate	10.08	163	82761	12.33	ng	#	98
50) 2,6-Dinitrotoluene	10.15	165	16289	12.10	ng	#	66
51) Acenaphthene	10.42	154	71660	11.91	ng		93
52) 3-Nitroaniline	10.32	138	17314	11.15	ng	#	62
53) 2,4-Dinitrophenol	10.44	184	4096	12.77	ng	#	1
54) Dibenzofuran	10.60	168	106230	12.44	ng	#	90
55) 4-Nitrophenol	10.47	139	12804	10.32	ng	#	69
56) 2,4-Dinitrotoluene	10.56	165	20920	12.25	ng	#	94
57) Fluorene	10.95	166	84140	12.42	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.71	232	19896	11.57	ng		97
59) Diethylphthalate	10.79	149	88314	13.07	ng		98
60) 4-Chlorophenyl-phenylether	10.93	204	39880	12.25	ng	#	84
61) 4-Nitroaniline	10.94	138	17761	11.08	ng	#	64
62) Azobenzene	11.09	77	83866	12.19	ng		86
64) 4,6-Dinitro-2-methylphenol	10.97	198	7640	13.37	ng		85
65) n-Nitrosodiphenylamine	11.04	169	77644	13.10	ng		91
66) 4-Bromophenyl-phenylether	11.43	248	25205	13.03	ng	#	87
67) Hexachlorobenzene	11.51	284	27665	12.87	ng	#	84
68) Atrazine	11.57	200	22186	11.85	ng		83
69) Pentachlorophenol	11.70	266	10448	8.57	ng		99
70) Phenanthrene	11.93	178	132694	12.04	ng		98
71) Anthracene	11.98	178	130456	12.30	ng		99
72) Carbazole	12.14	167	118708	11.72	ng		97
73) Di-n-butylphthalate	12.47	149	137105	11.72	ng	#	98
74) Fluoranthene	13.21	202	141009	12.02	ng		92
76) Benzidine	13.34	184	37683	6.30	ng	#	98
77) Pyrene	13.48	202	148860	11.30	ng		97
79) Butylbenzylphthalate	14.20	149	53276	10.07	ng		93
80) Benzo(a)anthracene	14.93	228	147792	11.34	ng		97
81) 3,3'-Dichlorobenzidine	14.87	252	33752	7.51	ng	#	92
82) Chrysene	14.97	228	143205	11.91	ng		96
83) Bis(2-ethylhexyl)phthalate	14.91	149	81328	9.72	ng	#	90
84) Di-n-octyl phthalate	15.74	149	131097	9.15	ng		97
85) Indeno(1,2,3-cd)pyrene	18.71	276	150384	9.92	ng	#	88
87) Benzo(b)fluoranthene	16.31	252	145830	11.80	ng	#	87
88) Benzo(k)fluoranthene	16.35	252	137713	10.95	ng	#	89
89) Benzo(a)pyrene	16.78	252	136939	11.67	ng	#	86
90) Dibenzo(a,h)anthracene	18.75	278	128499	10.70	ng	#	80
91) Benzo(g,h,i)perylene	19.27	276	131785	10.87	ng	#	78

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

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