Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088415.D
Acq On : 26 Jun 2016 13:39
Operator : UM/SJ
Sample : H3597-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EDD-3EMSD

Manual Integrations APPROVED
sohil
6/27/2016 8:01:44 PM

Quant Time: Jun 27 09:23:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	83583	20.00	ng		-0.06
21) Naphthalene-d8	7.84	136	361622	20.00	ng		-0.06
38) Acenaphthene-d10	9.58	164	161437	20.00	ng		-0.07
63) Phenanthrene-d10	11.05	188	301803	20.00	ng		-0.07
75) Chrysene-d12	13.68	240	215858	20.00	ng		-0.07
86) Perylene-d12	15.03	264	183996	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	503145	102.91	ng		-0.03
7) Phenol-d6	6.23	99	606932	102.43	ng		-0.03
23) Nitrobenzene-d5	7.13	82	388864	62.79	ng		-0.05
41) 2,4,6-Tribromophenol	10.38	330	152392	89.40	ng		-0.06
44) 2-Fluorobiphenyl	8.91	172	698824	66.82	ng		-0.06
78) Terphenyl-d14	12.64	244	660521	69.63	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	64480	27.14	ng	#	45
3) Pyridine	2.64	79	164731	29.37	ng		93
4) n-Nitrosodimethylamine	2.60	42	61968	26.09	ng		80
6) Aniline	6.22	93	173928	20.62	ng	#	80
8) 2-Chlorophenol	6.34	128	211257	36.51	ng		86
10) Phenol	6.24	94	266809	43.53	ng		97
11) bis(2-Chloroethyl)ether	6.30	93	208034	40.04	ng		88
12) 1,3-Dichlorobenzene	6.49	146	208486m	33.58	ng		
13) 1,4-Dichlorobenzene	6.57	146	216713	34.65	ng		96
14) 1,2-Dichlorobenzene	6.72	146	207385	36.46	ng		96
15) Benzyl Alcohol	6.72	79	148585	32.05	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	200496	28.56	ng	#	3
17) 2-Methylphenol	6.84	107	158797	33.84	ng	#	88
18) Hexachloroethane	7.05	117	77486	34.91	ng	#	87
19) n-Nitroso-di-n-propylamine	6.98	70	129810	34.25	ng		89
20) 3+4-Methylphenols	7.00	107	203194	37.11	ng	#	78
22) Acetophenone	6.98	105	290732	35.98	ng	#	95
24) Nitrobenzene	7.14	77	185803	30.97	ng		88
25) Isophorone	7.39	82	373962	32.60	ng	#	93
26) 2-Nitrophenol	7.46	139	110020	34.24	ng	#	89
27) 2,4-Dimethylphenol	7.52	122	179385	30.32	ng		92
28) bis(2-Chloroethoxy)methane	7.61	93	239977	33.73	ng		98
29) 2,4-Dichlorophenol	7.71	162	179757	36.39	ng		100
30) 1,2,4-Trichlorobenzene	7.78	180	180197	33.50	ng		99
31) Naphthalene	7.86	128	595389	33.27	ng		98
33) 4-Chloroaniline	7.93	127	172147	21.54	ng	#	94
34) Hexachlorobutadiene	7.98	225	95275	33.59	ng		97
35) Caprolactam	8.31	113	53528m	32.71	ng		
36) 4-Chloro-3-methylphenol	8.43	107	188480	35.68	ng		93
37) 2-Methylnaphthalene	8.55	142	390302m	33.09	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	171837	39.15	ng	#	1
40) Hexachlorocyclopentadiene	8.70	237	43546	16.72	ng		98
42) 2,4,6-Trichlorophenol	8.84	196	98337	30.46	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	108434	32.28	ng	#	89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.02	154	502632	40.92	ng		96
46) 2-Chloronaphthalene	9.04	162	387029	37.05	ng		94
47) 2-Nitroaniline	9.15	65	105352	34.19	ng	#	55
48) Acenaphthylene	9.44	152	558277	33.60	ng		100
49) Dimethylphthalate	9.32	163	663600	56.75	ng		100
50) 2,6-Dinitrotoluene	9.39	165	101491	37.90	ng	#	80
51) Acenaphthene	9.61	154	322417	31.10	ng		97
52) 3-Nitroaniline	9.56	138	83421	26.99	ng		83
53) 2,4-Dinitrophenol	9.70	184	11695	12.51	ng		89
54) Dibenzofuran	9.78	168	489907	34.32	ng	#	82
55) 4-Nitrophenol	9.76	139	58040m	24.20	ng		
56) 2,4-Dinitrotoluene	9.79	165	128330	37.29	ng	#	52
57) Fluorene	10.12	166	366886	37.19	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	85359	32.34	ng	#	59
59) Diethylphthalate	10.02	149	453853	38.34	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	170137	35.84	ng		98
61) 4-Nitroaniline	10.18	138	103336	35.25	ng		98
62) Azobenzene	10.28	77	422451	36.09	ng		92
64) 4,6-Dinitro-2-methylphenol	10.20	198	37917	21.38	ng		90
65) n-Nitrosodiphenylamine	10.25	169	369795	36.93	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	109233	33.74	ng	#	81
67) Hexachlorobenzene	10.67	284	119779	35.60	ng	#	82
68) Atrazine	10.79	200	104255	34.38	ng		99
69) Pentachlorophenol	10.88	266	70733	39.89	ng		95
70) Phenanthrene	11.08	178	582593	36.79	ng		98
71) Anthracene	11.13	178	589844	36.92	ng		99
72) Carbazole	11.30	167	569105	38.07	ng		97
73) Di-n-butylphthalate	11.63	149	674501	35.64	ng	#	97
74) Fluoranthene	12.26	202	623077	37.28	ng		97
76) Benzidine	12.40	184	198774	33.26	ng		97
77) Pyrene	12.49	202	601838	37.57	ng		97
79) Butylbenzylphthalate	13.11	149	268443	37.91	ng	#	82
80) Benzo(a)anthracene	13.67	228	426890	34.70	ng		99
81) 3,3'-Dichlorobenzidine	13.64	252	118715	35.89	ng		97
82) Chrysene	13.71	228	488368	42.20	ng		97
83) Bis(2-ethylhexyl)phthalate	13.67	149	344793	40.00	ng		98
84) Di-n-octyl phthalate	14.29	149	623441	44.51	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.25	276	380669	35.41	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	438903m	34.22	ng		
88) Benzo(k)fluoranthene	14.70	252	383181m	39.61	ng		
89) Benzo(a)pyrene	14.98	252	404681	39.00	ng	#	94
90) Dibenzo(a,h)anthracene	16.25	278	312150	32.39	ng		96
91) Benzo(g,h,i)perylene	16.62	276	320156	32.30	ng		99

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

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