Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097209.D
Acq On : 31 Jul 2017 15:51
Operator : SJ/JU
Sample : I4421-11MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Manual Integrations APPROVED
Sohil
8/1/2017 5:44:35 PM

Quant Time: Jul 31 19:24:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 15:18:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	108854	20.00	ng		0.00
21) Naphthalene-d8	7.76	136	497868	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	186430	20.00	ng		0.00
63) Phenanthrene-d10	10.99	188	258365	20.00	ng		0.00
75) Chrysene-d12	13.62	240	166432	20.00	ng		0.00
86) Perylene-d12	14.96	264	193308	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	779521	107.95	ng		0.01
7) Phenol-d6	6.15	99	891848	108.19	ng		0.00
23) Nitrobenzene-d5	7.05	82	562025	66.22	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	137935	93.64	ng		0.00
44) 2-Fluorobiphenyl	8.85	172	801537	72.96	ng		0.00
78) Terphenyl-d14	12.57	244	415199	50.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	104866	34.801	ng	#	72
3) Pyridine	2.66	79	291680	31.611	ng	#	62
4) n-Nitrosodimethylamine	2.62	42	179001	35.017	ng		80
6) Aniline	6.14	93	238874	23.027	ng	#	81
8) 2-Chlorophenol	6.27	128	297040	38.471	ng		92
9) Benzaldehyde	6.02	77	91461	18.744	ng		96
10) Phenol	6.16	94	388336	39.715	ng		93
11) bis(2-Chloroethyl)ether	6.23	93	305661	39.524	ng		91
12) 1,3-Dichlorobenzene	6.42	146	309542	37.201	ng		96
13) 1,4-Dichlorobenzene	6.50	146	314040	38.083	ng		95
14) 1,2-Dichlorobenzene	6.65	146	280937	39.019	ng		98
15) Benzyl Alcohol	6.64	79	220799	42.305	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.77	45	575185	37.082	ng		59
17) 2-Methylphenol	6.77	107	222149	37.279	ng	#	89
18) Hexachloroethane	6.99	117	112175	37.184	ng	#	80
19) n-Nitroso-di-n-propylamine	6.91	70	203077	37.426	ng	#	82
20) 3+4-Methylphenols	6.92	107	343232	44.100	ng	#	63
22) Acetophenone	6.90	105	378334	31.644	ng		97
24) Nitrobenzene	7.07	77	316068	35.759	ng		95
25) Isophorone	7.31	82	539781	32.477	ng		98
26) 2-Nitrophenol	7.39	139	171706	35.907	ng	#	83
27) 2,4-Dimethylphenol	7.45	122	283651	35.959	ng		97
28) bis(2-Chloroethoxy)methane	7.53	93	411236	37.916	ng		98
29) 2,4-Dichlorophenol	7.64	162	256417	37.733	ng		96
30) 1,2,4-Trichlorobenzene	7.71	180	229466	35.426	ng		97
31) Naphthalene	7.79	128	872732	37.187	ng		100
32) Benzoic acid	7.56	122	24630	4.181	ng		98
33) 4-Chloroaniline	7.85	127	171566	17.966	ng		98
34) Hexachlorobutadiene	7.91	225	117291	34.156	ng		98
35) Caprolactam	8.21	113	83057m	38.116	ng		
36) 4-Chloro-3-methylphenol	8.35	107	259934	35.061	ng		89
37) 2-Methylnaphthalene	8.47	142	571142	38.436	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	194717	39.144	ng		99
40) Hexachlorocyclopentadiene	8.63	237	23686	19.086	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	142099	39.419	ng		98
43) 2,4,5-Trichlorophenol	8.82	196	145557	40.341	ng		98
45) 1,1'-Biphenyl	8.94	154	606539	38.090	ng		96
46) 2-Chloronaphthalene	8.96	162	464374	39.629	ng		94
47) 2-Nitroaniline	9.07	65	185992	43.736	ng		95
48) Acenaphthylene	9.37	152	644436	35.829	ng		98
49) Dimethylphthalate	9.25	163	636804	44.981	ng		99
50) 2,6-Dinitrotoluene	9.31	165	112773	37.558	ng	#	76
51) Acenaphthene	9.55	154	382126	36.068	ng		98
52) 3-Nitroaniline	9.47	138	95840	25.715	ng		99
53) 2,4-Dinitrophenol	9.60	184	15748	11.535	ng	#	78
54) Dibenzofuran	9.72	168	556638	39.445	ng		98
55) 4-Nitrophenol	9.67	139	124557	56.198	ng	#	54
56) 2,4-Dinitrotoluene	9.72	165	128412	37.202	ng	#	79
57) Fluorene	10.06	166	401516	37.856	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	93618	37.578	ng		96
59) Diethylphthalate	9.95	149	481757	37.092	ng		98
60) 4-Chlorophenyl-phenylether	10.05	204	168106	38.382	ng		98
61) 4-Nitroaniline	10.09	138	101919	28.780	ng		94
62) Azobenzene	10.21	77	447348	37.127	ng		91
64) 4,6-Dinitro-2-methylphenol	10.13	198	31202	19.435	ng		84
65) n-Nitrosodiphenylamine	10.17	169	367786	40.913	ng		97
66) 4-Bromophenyl-phenylether	10.54	248	102428	39.725	ng		100
67) Hexachlorobenzene	10.61	284	100398	34.723	ng		96
68) Atrazine	10.71	200	100587	39.021	ng		94
69) Pentachlorophenol	10.81	266	73327	61.293	ng		99
70) Phenanthrene	11.01	178	632552	45.694	ng		100
71) Anthracene	11.06	178	563937	39.774	ng		98
72) Carbazole	11.22	167	497548	35.681	ng		99
73) Di-n-butylphthalate	11.56	149	620145	35.978	ng		99
74) Fluoranthene	12.19	202	578311	42.643	ng		99
76) Benzidine	12.32	184	169900	27.512	ng	#	93
77) Pyrene	12.42	202	599369	43.990	ng		99
79) Butylbenzylphthalate	13.05	149	218832	31.574	ng	#	82
80) Benzo(a)anthracene	13.60	228	445511	41.370	ng		98
81) 3,3'-Dichlorobenzidine	13.57	252	115476	28.435	ng		98
82) Chrysene	13.64	228	418068	39.758	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	279685	30.907	ng		99
84) Di-n-octyl phthalate	14.23	149	513633	30.930	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.20	276	436981	48.463	ng		97
87) Benzo(b)fluoranthene	14.61	252	486311	41.851	ng		99
88) Benzo(k)fluoranthene	14.63	252	336221	30.364	ng	#	95
89) Benzo(a)pyrene	14.92	252	456876	42.959	ng		98
90) Dibenzo(a,h)anthracene	16.20	278	357319	40.971	ng		96
91) Benzo(g,h,i)perylene	16.56	276	369126	40.360	ng		98

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

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