Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096906.D
Acq On : 20 Jul 2017 15:24
Operator : SJ/JU
Sample : IDOC-S-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDOC-S-03

Manual Integrations APPROVED
Sohil
7/21/2017 1:05:47 PM

Quant Time: Jul 21 06:31:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	88443	20.00	ng		-0.03
21) Naphthalene-d8	7.85	136	372131	20.00	ng		-0.04
38) Acenaphthene-d10	9.60	164	169932	20.00	ng		-0.03
63) Phenanthrene-d10	11.08	188	294726	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	229833	20.00	ng		-0.02
86) Perylene-d12	15.07	264	178199	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	687552	116.89	ng		-0.02
7) Phenol-d6	6.23	99	802119	113.63	ng		-0.02
23) Nitrobenzene-d5	7.14	82	480540	79.99	ng		-0.03
41) 2,4,6-Tribromophenol	10.39	330	179069	123.45	ng		-0.03
44) 2-Fluorobiphenyl	8.93	172	898010	83.49	ng		-0.03
78) Terphenyl-d14	12.66	244	821986	62.03	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	97911	32.349	ng	#	72
3) Pyridine	2.85	79	225211	35.406	ng	#	62
4) n-Nitrosodimethylamine	2.79	42	146671	41.232	ng	#	78
6) Aniline	6.23	93	244227	28.089	ng	#	30
8) 2-Chlorophenol	6.36	128	249621	39.337	ng		95
9) Benzaldehyde	6.11	77	117552	28.813	ng		99
10) Phenol	6.24	94	297779	37.318	ng		92
11) bis(2-Chloroethyl)ether	6.31	93	229681	38.276	ng		89
12) 1,3-Dichlorobenzene	6.51	146	262415	38.903	ng		99
13) 1,4-Dichlorobenzene	6.59	146	266242	38.976	ng		95
14) 1,2-Dichlorobenzene	6.74	146	246675	39.702	ng		98
15) Benzyl Alcohol	6.72	79	193375	41.844	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	468489	37.831	ng		95
17) 2-Methylphenol	6.85	107	199265	40.381	ng		95
18) Hexachloroethane	7.08	117	95368	39.372	ng	#	84
19) n-Nitroso-di-n-propylamine	6.99	70	164108	38.590	ng	#	83
20) 3+4-Methylphenols	7.00	107	252443	42.158	ng	#	65
22) Acetophenone	6.99	105	332531	39.981	ng	#	98
24) Nitrobenzene	7.16	77	242302	38.996	ng		90
25) Isophorone	7.40	82	435340	38.952	ng		95
26) 2-Nitrophenol	7.47	139	139952	40.508	ng		93
27) 2,4-Dimethylphenol	7.52	122	224555	39.507	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	293842	38.908	ng		98
29) 2,4-Dichlorophenol	7.72	162	207140	40.261	ng		98
30) 1,2,4-Trichlorobenzene	7.80	180	198587	40.596	ng		97
31) Naphthalene	7.87	128	714670	40.540	ng		100
32) Benzoic acid	7.67	122	132849	36.569	ng		90
33) 4-Chloroaniline	7.93	127	193970	27.772	ng		96
34) Hexachlorobutadiene	8.00	225	102075	39.088	ng		97
35) Caprolactam	8.30	113	72247m	43.825	ng		
36) 4-Chloro-3-methylphenol	8.43	107	216650	39.162	ng		89
37) 2-Methylnaphthalene	8.57	142	487042	43.336	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	172311	37.511	ng		99
40) Hexachlorocyclopentadiene	8.72	237	142342	82.239	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.85	196	127707	37.689	ng		97
43) 2,4,5-Trichlorophenol	8.89	196	135055	39.520	ng		99
45) 1,1'-Biphenyl	9.03	154	547797	37.587	ng		99
46) 2-Chloronaphthalene	9.05	162	430920	40.154	ng		93
47) 2-Nitroaniline	9.15	65	154076	41.768	ng		94
48) Acenaphthylene	9.46	152	674940	39.472	ng		100
49) Dimethylphthalate	9.34	163	503509	39.351	ng		99
50) 2,6-Dinitrotoluene	9.40	165	114575	41.341	ng	#	90
51) Acenaphthene	9.63	154	391465	38.755	ng		98
52) 3-Nitroaniline	9.56	138	93320	28.423	ng		96
53) 2,4-Dinitrophenol	9.68	184	98565	72.515	ng	#	66
54) Dibenzofuran	9.81	168	580468	41.008	ng		99
55) 4-Nitrophenol	9.75	139	174876	72.907	ng	#	63
56) 2,4-Dinitrotoluene	9.80	165	142461	40.002	ng	#	71
57) Fluorene	10.15	166	440142	42.079	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.93	232	103967	43.867	ng		99
59) Diethylphthalate	10.03	149	491977	39.496	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	183325	41.422	ng		94
61) 4-Nitroaniline	10.17	138	134950	43.771	ng		91
62) Azobenzene	10.30	77	464524	42.273	ng		92
64) 4,6-Dinitro-2-methylphenol	10.22	198	74439	40.227	ng	#	72
65) n-Nitrosodiphenylamine	10.26	169	416477	39.532	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	120821	40.153	ng		96
67) Hexachlorobenzene	10.70	284	129797	38.730	ng	#	89
68) Atrazine	10.80	200	124858	41.598	ng		95
69) Pentachlorophenol	10.90	266	111343	68.772	ng		96
70) Phenanthrene	11.10	178	674150	42.068	ng		98
71) Anthracene	11.16	178	684577	42.251	ng		98
72) Carbazole	11.31	167	671051	42.768	ng		99
73) Di-n-butylphthalate	11.65	149	779313	39.881	ng		99
74) Fluoranthene	12.29	202	759872	49.539	ng		99
76) Benzidine	12.41	184	311528	41.375	ng	#	91
77) Pyrene	12.51	202	754643	36.179	ng		99
79) Butylbenzylphthalate	13.14	149	378613	38.203	ng	#	78
80) Benzo(a)anthracene	13.70	228	613861	42.866	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	159315	30.937	ng	#	97
82) Chrysene	13.73	228	601012	42.632	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	443033	36.708	ng	#	99
84) Di-n-octyl phthalate	14.32	149	802248	40.212	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.34	276	432255	33.781	ng		99
87) Benzo(b)fluoranthene	14.70	252	494303	45.993	ng		98
88) Benzo(k)fluoranthene	14.73	252	464809m	45.672	ng		
89) Benzo(a)pyrene	15.02	252	413297	41.928	ng		99
90) Dibenzo(a,h)anthracene	16.36	278	348992	38.477	ng		98
91) Benzo(g,h,i)perylene	16.73	276	412550	42.475	ng		99

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

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