Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098614.D
Acq On : 18 Sep 2017 20:55
Operator : SJ/JU
Sample : I5265-06MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Manual Integrations APPROVED
Sohil
9/19/2017 5:31:54 PM

Quant Time: Sep 19 12:07:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	110981	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	430986	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	182542	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	284744	20.00	ng		0.00
75) Chrysene-d12	13.79	240	192464	20.00	ng		0.00
86) Perylene-d12	15.18	264	175382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	802384	106.90	ng		0.01
7) Phenol-d6	6.30	99	980345	102.87	ng		0.00
23) Nitrobenzene-d5	7.21	82	566761	73.31	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	147595	121.15	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	876768	81.41	ng		0.00
78) Terphenyl-d14	12.73	244	634825	71.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	90200	23.282	ng	#	85
3) Pyridine	2.98	79	217582	21.148	ng	#	79
4) n-Nitrosodimethylamine	2.93	42	152673	30.268	ng		83
6) Aniline	6.30	93	248762	20.806	ng	#	26
8) 2-Chlorophenol	6.43	128	291407	35.305	ng		96
9) Benzaldehyde	6.19	77	127984	20.543	ng		96
10) Phenol	6.31	94	375363	33.909	ng		79
11) bis(2-Chloroethyl)ether	6.38	93	267904	32.099	ng		97
12) 1,3-Dichlorobenzene	6.57	146	279785	33.677	ng		96
13) 1,4-Dichlorobenzene	6.65	146	289600	34.032	ng	#	94
14) 1,2-Dichlorobenzene	6.80	146	268863	34.679	ng		99
15) Benzyl Alcohol	6.79	79	256992	40.518	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	426740	31.075	ng	#	44
17) 2-Methylphenol	6.92	107	238803	35.480	ng	#	85
18) Hexachloroethane	7.14	117	98222	30.139	ng	#	84
19) n-Nitroso-di-n-propylamine	7.06	70	217207	36.233	ng		97
20) 3+4-Methylphenols	7.07	107	317786	37.414	ng	#	64
22) Acetophenone	7.06	105	414460	37.208	ng	#	91
24) Nitrobenzene	7.23	77	306390	34.794	ng		98
25) Isophorone	7.47	82	547811	35.023	ng	#	98
26) 2-Nitrophenol	7.55	139	148714	41.827	ng	#	74
27) 2,4-Dimethylphenol	7.60	122	248634	36.684	ng		93
28) bis(2-Chloroethoxy)methane	7.68	93	340988	35.727	ng		99
29) 2,4-Dichlorophenol	7.80	162	233265	41.382	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	244824	39.927	ng		99
31) Naphthalene	7.95	128	794258	37.279	ng		100
32) Benzoic acid	7.75	122	132177	32.214	ng		90
33) 4-Chloroaniline	8.00	127	159858	18.461	ng		98
34) Hexachlorobutadiene	8.06	225	133156	42.300	ng		98
35) Caprolactam	8.38	113	54322m	27.946	ng		
36) 4-Chloro-3-methylphenol	8.50	107	247314	35.378	ng	#	81
37) 2-Methylnaphthalene	8.64	142	516675	40.034	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	218633	38.450	ng		98
40) Hexachlorocyclopentadiene	8.79	237	17522	19.061	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	145698	43.624	ng		92
43) 2,4,5-Trichlorophenol	8.97	196	144737	41.461	ng	#	85
45) 1,1'-Biphenyl	9.10	154	608686	37.254	ng		98
46) 2-Chloronaphthalene	9.13	162	449026	38.482	ng	#	92
47) 2-Nitroaniline	9.23	65	166339	37.141	ng		96
48) Acenaphthylene	9.54	152	625886	36.075	ng		99
49) Dimethylphthalate	9.41	163	689328	48.784	ng		99
50) 2,6-Dinitrotoluene	9.47	165	118323	40.766	ng	#	69
51) Acenaphthene	9.71	154	405835	36.799	ng		98
52) 3-Nitroaniline	9.65	138	92485	26.396	ng		95
53) 2,4-Dinitrophenol	9.76	184	40039	34.598	ng	#	86
54) Dibenzofuran	9.88	168	581458	40.021	ng		96
55) 4-Nitrophenol	9.83	139	121648	60.432	ng	#	44
56) 2,4-Dinitrotoluene	9.88	165	145497	41.232	ng	#	47
57) Fluorene	10.23	166	445199	37.021	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	100487	42.832	ng	#	98
59) Diethylphthalate	10.10	149	539665	40.159	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	232741	41.901	ng		93
61) 4-Nitroaniline	10.26	138	92150	26.043	ng	#	71
62) Azobenzene	10.38	77	478162	33.014	ng		93
64) 4,6-Dinitro-2-methylphenol	10.30	198	36220	23.558	ng		87
65) n-Nitrosodiphenylamine	10.34	169	420117	45.439	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	127239	47.082	ng		97
67) Hexachlorobenzene	10.77	284	117645	42.917	ng	#	82
68) Atrazine	10.87	200	126612	44.481	ng		97
69) Pentachlorophenol	10.97	266	99320	81.690	ng		96
70) Phenanthrene	11.19	178	602397	39.907	ng		99
71) Anthracene	11.24	178	597566	38.557	ng		98
72) Carbazole	11.40	167	500793	34.672	ng		98
73) Di-n-butylphthalate	11.72	149	763983	44.146	ng		98
74) Fluoranthene	12.37	202	549919	36.391	ng		95
76) Benzidine	12.49	184	101177	11.878	ng	#	92
77) Pyrene	12.59	202	540793	35.619	ng		99
79) Butylbenzylphthalate	13.21	149	264154	40.104	ng	#	80
80) Benzo(a)anthracene	13.78	228	449706	39.854	ng		98
81) 3,3'-Dichlorobenzidine	13.74	252	137721	31.406	ng	#	93
82) Chrysene	13.82	228	424293	37.199	ng		97
83) Bis(2-ethylhexyl)phthalate	13.77	149	388599	47.009	ng		100
84) Di-n-octyl phthalate	14.38	149	644872	45.468	ng		99
85) Indeno(1,2,3-cd)pyrene	16.52	276	336625	42.066	ng		92
87) Benzo(b)fluoranthene	14.79	252	407208	36.926	ng		98
88) Benzo(k)fluoranthene	14.82	252	408081	39.639	ng	#	93
89) Benzo(a)pyrene	15.13	252	380277	38.708	ng		98
90) Dibenzo(a,h)anthracene	16.53	278	289366	40.490	ng		96
91) Benzo(g,h,i)perylene	16.92	276	263062	36.597	ng	#	90

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

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