Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099830.D
Acq On : 25 Oct 2017 23:07
Operator : SJ/JU
Sample : I5775-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

Manual Integrations APPROVED
Sohil
10/27/2017 8:59:19 AM

Quant Time: Oct 26 14:08:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	80938	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	327233	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	148601	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	263285	20.00	ng		0.00
75) Chrysene-d12	13.99	240	192230	20.00	ng		0.01
86) Perylene-d12	15.46	264	166231	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	598224	116.04	ng		0.02
7) Phenol-d6	6.45	99	633608	103.65	ng		0.00
23) Nitrobenzene-d5	7.36	82	429422	84.49	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	159943	118.11	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	882422	91.62	ng		0.00
78) Terphenyl-d14	12.92	244	743484	84.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	71972	31.614	ng	#	77
3) Pyridine	3.45	79	133619m	24.407	ng		
4) n-Nitrosodimethylamine	3.31	42	73217	37.435	ng	#	70
6) Aniline	6.47	93	94130	11.876	ng	#	81
8) 2-Chlorophenol	6.59	128	231766	42.181	ng		92
9) Benzaldehyde	6.37	77	8440	2.311	ng		92
10) Phenol	6.46	94	233386	34.774	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	211868	40.879	ng		95
12) 1,3-Dichlorobenzene	6.73	146	241919	39.213	ng		96
13) 1,4-Dichlorobenzene	6.81	146	246069	39.299	ng		98
14) 1,2-Dichlorobenzene	6.96	146	230202	40.340	ng		97
15) Benzyl Alcohol	6.95	79	162965	41.920	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	268789	46.687	ng		60
17) 2-Methylphenol	7.06	107	178136	38.759	ng	#	92
18) Hexachloroethane	7.30	117	78318	37.491	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	143713	40.118	ng		89
20) 3+4-Methylphenols	7.22	107	230421	43.057	ng	#	82
22) Acetophenone	7.21	105	308472	41.401	ng	#	97
24) Nitrobenzene	7.39	77	217409	42.451	ng		89
25) Isophorone	7.62	82	410005	44.454	ng		96
26) 2-Nitrophenol	7.70	139	125422	42.758	ng	#	87
27) 2,4-Dimethylphenol	7.74	122	205850	47.629	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	276645	42.829	ng		99
29) 2,4-Dichlorophenol	7.95	162	200401	44.636	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	201375	41.978	ng		98
31) Naphthalene	8.10	128	666953	42.223	ng		99
32) Benzoic acid	7.89	122	122071	32.088	ng		91
33) 4-Chloroaniline	8.16	127	83910	12.864	ng		95
34) Hexachlorobutadiene	8.21	225	99928	40.498	ng		98
35) Caprolactam	8.55	113	53898m	38.174	ng		
36) 4-Chloro-3-methylphenol	8.65	107	195328	42.624	ng		94
37) 2-Methylnaphthalene	8.79	142	462480	43.690	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	188860	39.350	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	8089	19.572	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	129776	44.703	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	132396	42.976	ng		93
45) 1,1'-Biphenyl	9.26	154	542238	40.336	ng		97
46) 2-Chloronaphthalene	9.29	162	417652	42.780	ng		96
47) 2-Nitroaniline	9.40	65	110894	43.278	ng	#	76
48) Acenaphthylene	9.70	152	598929	39.831	ng		99
49) Dimethylphthalate	9.56	163	493803	41.962	ng		100
50) 2,6-Dinitrotoluene	9.64	165	105817	42.773	ng	#	76
51) Acenaphthene	9.87	154	366639	39.905	ng		100
52) 3-Nitroaniline	9.81	138	93940	32.227	ng	#	88
53) 2,4-Dinitrophenol	9.94	184	15198	20.200	ng	#	85
54) Dibenzofuran	10.05	168	539355	41.587	ng		100
55) 4-Nitrophenol	9.99	139	124291	81.605	ng		84
56) 2,4-Dinitrotoluene	10.05	165	126153	42.343	ng		92
57) Fluorene	10.39	166	439600	40.938	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	100042	46.316	ng		93
59) Diethylphthalate	10.27	149	474347	41.276	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	203083	40.185	ng		93
61) 4-Nitroaniline	10.43	138	109197	39.264	ng		85
62) Azobenzene	10.54	77	397301	41.242	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	14614	8.830	ng	#	76
65) n-Nitrosodiphenylamine	10.50	169	392599	40.395	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	118648	42.806	ng		95
67) Hexachlorobenzene	10.95	284	118183	41.677	ng	#	90
68) Atrazine	11.03	200	46665	15.984	ng		98
69) Pentachlorophenol	11.14	266	104182	85.982	ng		99
70) Phenanthrene	11.36	178	615015	41.392	ng		99
71) Anthracene	11.41	178	635492	42.135	ng		99
72) Carbazole	11.57	167	594476	41.915	ng		98
73) Di-n-butylphthalate	11.89	149	753002	41.625	ng		99
74) Fluoranthene	12.55	202	627844	40.660	ng		100
76) Benzidine	12.68	184	22666	2.695	ng		97
77) Pyrene	12.79	202	636138	43.520	ng		100
79) Butylbenzylphthalate	13.39	149	310417	43.126	ng		88
80) Benzo(a)anthracene	13.98	228	513585	42.145	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	153037	34.596	ng		98
82) Chrysene	14.02	228	485351	42.365	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	428362	42.378	ng		99
84) Di-n-octyl phthalate	14.56	149	717665	41.366	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.95	276	369092	35.094	ng		97
87) Benzo(b)fluoranthene	15.03	252	469237	44.703	ng		98
88) Benzo(k)fluoranthene	15.06	252	449491	45.412	ng		98
89) Benzo(a)pyrene	15.40	252	421823	44.737	ng	#	97
90) Dibenzo(a,h)anthracene	16.94	278	319371	38.119	ng		96
91) Benzo(g,h,i)perylene	17.39	276	294351	35.910	ng		96

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

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