Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101339.D
Acq On : 12 Dec 2017 19:32
Operator : SJ/JU
Sample : I6822-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(13-15)MSD

Manual Integrations APPROVED

Quant Time: Dec 13 03:23:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Sohil

12/13/2017 12:07:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49470	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	194845	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	90844	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	169228	20.00	ng		0.00
75) Chrysene-d12	14.01	240	126129	20.00	ng		0.00
86) Perylene-d12	15.49	264	99104	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	394038	131.62	ng		0.01
7) Phenol-d6	6.47	99	478732	131.71	ng		0.01
23) Nitrobenzene-d5	7.40	82	294713	90.23	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	127372	116.72	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	614082	92.49	ng		0.00
78) Terphenyl-d14	12.95	244	568825	98.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	41348	33.400	ng		93
3) Pyridine	3.38	79	111948	34.883	ng		97
4) n-Nitrosodimethylamine	3.33	42	65938	42.068	ng		87
6) Aniline	6.49	93	141955	30.034	ng	#	81
8) 2-Chlorophenol	6.62	128	139917	42.864	ng		95
9) Benzaldehyde	6.38	77	37515	16.864	ng		96
10) Phenol	6.49	94	183594	45.427	ng		77
11) bis(2-Chloroethyl)ether	6.56	93	125000	41.234	ng		96
12) 1,3-Dichlorobenzene	6.76	146	157263	41.376	ng		98
13) 1,4-Dichlorobenzene	6.84	146	158563	40.294	ng		98
14) 1,2-Dichlorobenzene	6.99	146	150428	40.983	ng		99
15) Benzyl Alcohol	6.97	79	116400	41.464	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	196928	47.790	ng		86
17) 2-Methylphenol	7.09	107	113152	42.929	ng	#	93
18) Hexachloroethane	7.33	117	44323	35.058	ng		94
19) n-Nitroso-di-n-propylamine	7.24	70	96509	39.426	ng		96
20) 3+4-Methylphenols	7.24	107	145566	42.347	ng	#	69
22) Acetophenone	7.24	105	186842	39.692	ng	#	88
24) Nitrobenzene	7.42	77	140647	43.935	ng		95
25) Isophorone	7.65	82	253473	45.432	ng		98
26) 2-Nitrophenol	7.73	139	64979	36.976	ng		97
27) 2,4-Dimethylphenol	7.76	122	121794	47.910	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	160398	42.775	ng		100
29) 2,4-Dichlorophenol	7.97	162	124646	45.046	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	131415	43.190	ng		97
31) Naphthalene	8.13	128	405723	42.250	ng		100
33) 4-Chloroaniline	8.18	127	115430	29.916	ng		97
34) Hexachlorobutadiene	8.24	225	74813	40.089	ng		97
35) Caprolactam	8.57	113	30530m	35.403	ng		
36) 4-Chloro-3-methylphenol	8.67	107	124341	43.380	ng		97
37) 2-Methylnaphthalene	8.82	142	278023	42.609	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	125958	38.167	ng	#	97
40) Hexachlorocyclopentadiene	8.97	237	21288	24.062	ng		97
42) 2,4,6-Trichlorophenol	9.10	196	83433	43.127	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	88770	42.921	ng	#	92
45) 1,1'-Biphenyl	9.29	154	324529	38.991	ng		98
46) 2-Chloronaphthalene	9.32	162	257842	43.621	ng		97
47) 2-Nitroaniline	9.42	65	79175	45.273	ng		97
48) Acenaphthylene	9.73	152	396723	40.840	ng		99
49) Dimethylphthalate	9.59	163	382093	52.153	ng		99
50) 2,6-Dinitrotoluene	9.66	165	62558	40.541	ng	#	81
51) Acenaphthene	9.90	154	231481	39.796	ng		99
52) 3-Nitroaniline	9.83	138	63433	36.554	ng		90
53) 2,4-Dinitrophenol	9.96	184	2542	7.837	ng	#	15
54) Dibenzofuran	10.07	168	340611	40.635	ng		99
55) 4-Nitrophenol	10.01	139	76780	65.607	ng		96
56) 2,4-Dinitrotoluene	10.07	165	77049	37.258	ng	#	89
57) Fluorene	10.42	166	276544	40.584	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	64619	39.021	ng	#	88
59) Diethylphthalate	10.29	149	298711	41.337	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	135983	40.418	ng		93
61) 4-Nitroaniline	10.45	138	69998	38.859	ng		94
62) Azobenzene	10.57	77	249420	40.671	ng		92
64) 4,6-Dinitro-2-methylphenol	10.49	198	13150	11.585	ng		88
65) n-Nitrosodiphenylamine	10.53	169	262456	43.961	ng		93
66) 4-Bromophenyl-phenylether	10.90	248	83763	44.220	ng	#	82
67) Hexachlorobenzene	10.97	284	85729	42.228	ng	#	89
68) Atrazine	11.06	200	73592	40.185	ng		96
69) Pentachlorophenol	11.17	266	50013	44.804	ng		97
70) Phenanthrene	11.39	178	411650	44.172	ng		97
71) Anthracene	11.44	178	404244	42.859	ng		98
72) Carbazole	11.59	167	355584	41.262	ng		99
73) Di-n-butylphthalate	11.91	149	455313	42.153	ng		98
74) Fluoranthene	12.58	202	441295	42.718	ng		93
76) Benzidine	12.70	184	187429	45.698	ng		98
77) Pyrene	12.81	202	440509	50.614	ng		99
79) Butylbenzylphthalate	13.42	149	179963	46.900	ng	#	86
80) Benzo(a)anthracene	14.00	228	350730	44.042	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	112296	40.717	ng	#	98
82) Chrysene	14.04	228	320556	43.342	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	261273	47.754	ng		100
84) Di-n-octyl phthalate	14.58	149	388771	42.677	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	249679	37.972	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	273661	46.101	ng		97
88) Benzo(k)fluoranthene	15.09	252	252069	43.101	ng	#	97
89) Benzo(a)pyrene	15.43	252	247380	45.840	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	205596	43.214	ng	#	94
91) Benzo(g,h,i)perylene	17.43	276	206293	46.010	ng	#	92

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

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