Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111636.D
Acq On : 20 Dec 2018 13:44
Operator : JU/SJ
Sample : J6481-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VB-1MSD

Manual Integrations APPROVED
Sohil
12/21/2018 2:46:38 PM

Quant Time: Dec 21 06:30:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	182911	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	691824	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	339849	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	598337	20.00	ng		0.00
76) Chrysene-d12	14.05	240	409988	20.00	ng		0.00
87) Perylene-d12	15.52	264	426819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1403583	130.80	ng		0.01
7) Phenol-d6	6.53	99	1847637	135.29	ng		0.01
23) Nitrobenzene-d5	7.46	82	1155874	97.25	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	534065	133.00	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2035698	87.31	ng		0.00
79) Terphenyl-d14	13.00	244	1695121	78.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	188465	37.329	ng		96
3) Pyridine	3.50	79	510790	38.833	ng		99
4) n-Nitrosodimethylamine	3.44	42	319116	49.573	ng		86
6) Aniline	6.56	93	614028	35.273	ng		96
8) 2-Chlorophenol	6.69	128	567698	47.758	ng		99
9) Benzaldehyde	6.45	77	428401	45.611	ng		96
10) Phenol	6.55	94	794327	51.550	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	525221	45.487	ng		98
12) 1,3-Dichlorobenzene	6.84	146	615938	44.711	ng		97
13) 1,4-Dichlorobenzene	6.92	146	628178	44.963	ng		96
14) 1,2-Dichlorobenzene	7.07	146	590065	45.268	ng		97
15) Benzyl Alcohol	7.03	79	520265	47.968	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	931221	43.789	ng		100
17) 2-Methylphenol	7.15	107	454928	47.795	ng		95
18) Hexachloroethane	7.42	117	214811	45.627	ng	#	85
19) n-Nitroso-di-n-propylamine	7.31	70	408518	45.043	ng		98
20) 3+4-Methylphenols	7.30	107	580815	48.293	ng		91
22) Acetophenone	7.30	105	760407	43.386	ng	#	94
24) Nitrobenzene	7.47	77	607671	48.782	ng		98
25) Isophorone	7.72	82	1085620	51.451	ng		97
26) 2-Nitrophenol	7.79	139	284364	56.286	ng		95
27) 2,4-Dimethylphenol	7.83	122	496210	49.824	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	656765	46.775	ng		99
29) 2,4-Dichlorophenol	8.03	162	502026	46.866	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	526523	44.109	ng		97
31) Naphthalene	8.20	128	1609980	48.433	ng		97
32) Benzoic acid	7.95	122	301979	45.860	ng		92
33) 4-Chloroaniline	8.24	127	232112	16.155	ng		99
34) Hexachlorobutadiene	8.33	225	308891	42.458	ng		98
35) Caprolactam	8.62	113	154458m	42.553	ng		
36) 4-Chloro-3-methylphenol	8.73	107	499739	47.459	ng		98
37) 2-Methylnaphthalene	8.89	142	1087391	50.280	ng		99
38) 1-Methylnaphthalene	8.99	142	1026651	49.428	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	508362	45.522	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	482024	88.948	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	355266	47.649	ng		98
44) 2,4,5-Trichlorophenol	9.21	196	377445	49.346	ng		91
46) 1,1'-Biphenyl	9.36	154	1307560	45.578	ng		95
47) 2-Chloronaphthalene	9.38	162	1023046	45.010	ng		96
48) 2-Nitroaniline	9.47	65	320847	54.260	ng		99
49) Acenaphthylene	9.80	152	1615813	48.689	ng		96
50) Dimethylphthalate	9.66	163	1380332	55.542	ng		98
51) 2,6-Dinitrotoluene	9.71	165	274342	55.361	ng	#	86
52) Acenaphthene	9.97	154	1027569	50.203	ng		98
53) 3-Nitroaniline	9.87	138	169239	32.022	ng		96
54) 2,4-Dinitrophenol	9.99	184	184172	112.536	ng	#	81
55) Dibenzofuran	10.14	168	1429193	46.218	ng		96
56) 4-Nitrophenol	10.04	139	421559	104.520	ng		92
57) 2,4-Dinitrotoluene	10.12	165	356092	59.789	ng	#	99
58) Fluorene	10.49	166	1083752	48.636	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	324957	50.482	ng		89
60) Diethylphthalate	10.36	149	1159136	47.548	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	535047	43.461	ng		93
62) 4-Nitroaniline	10.49	138	244540	47.607	ng		90
63) Azobenzene	10.63	77	1084758	44.323	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	128582	51.440	ng		87
66) n-Nitrosodiphenylamine	10.59	169	969727	48.281	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	346354	46.670	ng		94
68) Hexachlorobenzene	11.03	284	377238	45.590	ng		96
69) Atrazine	11.12	200	321243	46.039	ng		96
70) Pentachlorophenol	11.22	266	404049	78.986	ng		97
71) Phenanthrene	11.44	178	1517574	47.825	ng		95
72) Anthracene	11.50	178	1529070	48.007	ng		95
73) Carbazole	11.64	167	1296210	41.918	ng		95
74) Di-n-butylphthalate	11.98	149	1609746	46.429	ng		97
75) Fluoranthene	12.63	202	1335803	41.571	ng		96
77) Benzidine	12.74	184	345621	22.403	ng		97
78) Pyrene	12.86	202	1304184	45.046	ng		97
80) Butylbenzylphthalate	13.47	149	549116	46.528	ng	#	86
81) Benzo(a)anthracene	14.04	228	1114156	47.618	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	343756	37.184	ng	#	97
83) Chrysene	14.08	228	1098518	47.769	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	714229	48.046	ng	#	99
85) Di-n-octyl phthalate	14.64	149	1211621	52.606	ng		96
86) Indeno(1,2,3-cd)pyrene	17.01	276	1055550	53.994	ng	#	88
88) Benzo(b)fluoranthene	15.09	252	1224909	49.104	ng	#	96
89) Benzo(k)fluoranthene	15.13	252	1071114	45.103	ng	#	96
90) Benzo(a)pyrene	15.46	252	1114531	49.179	ng	#	96
91) Dibenzo(a,h)anthracene	17.03	278	893871	45.042	ng	#	92
92) Benzo(g,h,i)perylene	17.46	276	818217	42.223	ng	#	89

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

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