Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
Data File : BF122330.D
Acq On : 13 Nov 2020 15:38
Operator : JU/CG
Sample : L4586-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations APPROVED
mohammad
11/19/2020 10:27:54 AM

Quant Time: Nov 13 16:12:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	229609	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	914116	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	486794	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	900160	20.00	ng		0.00
76) Chrysene-d12	14.033	240	788497	20.00	ng		0.00
86) Perylene-d12	15.498	264	784300	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1833708	122.63	ng		0.00
7) Phenol-d6	6.492	99	2381812	121.76	ng		0.00
23) Nitrobenzene-d5	7.428	82	1500500	100.49	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	694230	132.88	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	2569672	82.48	ng		0.00
79) Terphenyl-d14	12.980	244	2783117	74.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	289371	42.20	ng		92
3) Pyridine	3.404	79	826961	43.85	ng		93
4) n-Nitrosodimethylamine	3.351	42	402397	45.26	ng		96
6) Aniline	6.522	93	631168	24.59	ng		97
8) 2-Chlorophenol	6.645	128	777472	50.14	ng		94
9) Benzaldehyde	6.410	77	140776	10.14	ng		97
10) Phenol	6.504	94	977685	50.75	ng	#	76
11) bis(2-Chloroethyl)ether	6.598	93	737549	48.17	ng		95
12) 1,3-Dichlorobenzene	6.804	146	822676	46.73	ng		99
13) 1,4-Dichlorobenzene	6.881	146	838686	47.42	ng		98
14) 1,2-Dichlorobenzene	7.034	146	803764	48.70	ng		99
15) Benzyl Alcohol	7.004	79	673985	48.46	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1061243	47.55	ng		98
17) 2-Methylphenol	7.116	107	628978	48.60	ng		97
18) Hexachloroethane	7.381	117	301610	48.97	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	554860	47.46	ng		97
20) 3+4-Methylphenols	7.269	107	777039	48.78	ng	#	86
22) Acetophenone	7.275	105	1017612	42.74	ng	#	88
24) Nitrobenzene	7.445	77	827024	48.41	ng		98
25) Isophorone	7.686	82	1465117	44.01	ng		97
26) 2-Nitrophenol	7.763	139	378502	50.60	ng		98
27) 2,4-Dimethylphenol	7.798	122	686185	43.70	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	919736	45.17	ng		100
29) 2,4-Dichlorophenol	8.004	162	654293	47.07	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	690989	45.04	ng		96
31) Naphthalene	8.175	128	2148721	44.21	ng		98
32) Benzoic acid	7.881	122	159931m	23.31	ng		
33) 4-Chloroaniline	8.216	127	269801	12.75	ng		96
34) Hexachlorobutadiene	8.292	225	401514	45.53	ng		99
35) Caprolactam	8.586	113	202237m	45.90	ng		
36) 4-Chloro-3-methylphenol	8.698	107	682439	47.07	ng		93
37) 2-Methylnaphthalene	8.863	142	1459382	45.45	ng		99
38) 1-Methylnaphthalene	8.963	142	1359542	45.24	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	660135	44.01	ng		99
41) Hexachlorocyclopentadiene	9.022	237	804509	91.73	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	473266	48.58	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	492724	48.25	ng		96
46) 1,1'-Biphenyl	9.328	154	1735797	44.80	ng		100
47) 2-Chloronaphthalene	9.351	162	1383258	44.98	ng		99
48) 2-Nitroaniline	9.445	65	436767	47.71	ng		93
49) Acenaphthylene	9.769	152	2135536	45.18	ng		98
50) Dimethylphthalate	9.633	163	2084747	60.25	ng		100
51) 2,6-Dinitrotoluene	9.686	165	373198	48.43	ng		94
52) Acenaphthene	9.945	154	1370426	46.84	ng		99
53) 3-Nitroaniline	9.851	138	237794	28.66	ng		96
54) 2,4-Dinitrophenol	9.957	184	168493	62.07	ng		89
55) Dibenzofuran	10.116	168	1935950	45.16	ng		99
56) 4-Nitrophenol	10.010	139	634053	83.74	ng		91
57) 2,4-Dinitrotoluene	10.092	165	507024	51.83	ng	#	84
58) Fluorene	10.457	166	1481115	45.12	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	409187	48.18	ng		98
60) Diethylphthalate	10.333	149	1582689	46.63	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	722724	46.64	ng		96
62) 4-Nitroaniline	10.469	138	394660	46.14	ng		97
63) Azobenzene	10.610	77	1599797	44.92	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	154232	42.60	ng		92
66) n-Nitrosodiphenylamine	10.569	169	1369954	44.67	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	495246	46.82	ng		98
68) Hexachlorobenzene	11.004	284	528024	46.20	ng		98
69) Atrazine	11.092	200	388988	50.93	ng		97
70) Pentachlorophenol	11.192	266	515797	78.34	ng		97
71) Phenanthrene	11.416	178	2268840	44.42	ng		97
72) Anthracene	11.469	178	2334380	44.35	ng		98
73) Carbazole	11.621	167	2143793	44.77	ng		99
74) Di-n-butylphthalate	11.957	149	2431787	47.64	ng		99
75) Fluoranthene	12.604	202	2414286	45.28	ng		99
77) Benzidine	12.721	184	853817	39.04	ng		98
78) Pyrene	12.833	202	2477576	44.73	ng		98
80) Butylbenzylphthalate	13.457	149	1059515	47.72	ng		94
81) Benzo(a)anthracene	14.021	228	2182842	44.51	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	334978	18.33	ng		99
83) Chrysene	14.063	228	2215006	44.85	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	1292275	48.38	ng		98
85) Di-n-octyl phthalate	14.633	149	2344388	51.79	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	2414302	51.30	ng		99
88) Benzo(b)fluoranthene	15.074	252	2253957	44.37	ng		99
89) Benzo(k)fluoranthene	15.104	252	2179649	44.01	ng		98
90) Benzo(a)pyrene	15.439	252	2016785	45.54	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	1988984	50.46	ng		99
92) Benzo(g,h,i)perylene	17.415	276	2060704	53.76	ng		98

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

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