Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
Data File : BF123687.D
Acq On : 22 Apr 2021 12:19
Operator : JU/CG
Sample : M2114-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-XMSD

Quant Time: Apr 22 13:25:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	217478	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	856906	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	433672	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	851908	20.00	ng		0.00
76) Chrysene-d12	14.039	240	563616	20.00	ng		0.00
86) Perylene-d12	15.521	264	466146	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	859588	63.88	ng		0.00
7) Phenol-d6	6.486	99	751276	40.29	ng		0.00
23) Nitrobenzene-d5	7.422	82	1727628	92.68	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	733308	149.32	ng		0.01
45) 2-Fluorobiphenyl	9.222	172	2668570	91.73	ng		0.00
79) Terphenyl-d14	12.980	244	2722204	93.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	142090	20.21	ng		95
3) Pyridine	3.345	79	349726	20.35	ng		91
4) n-Nitrosodimethylamine	3.275	42	230694	22.65	ng		98
6) Aniline	6.510	93	794622	36.21	ng		96
8) 2-Chlorophenol	6.639	128	603996	41.79	ng		100
9) Benzaldehyde	6.398	77	544954	44.77	ng		97
10) Phenol	6.498	94	488735	24.68	ng		94
11) bis(2-Chloroethyl)ether	6.586	93	754204	51.22	ng		98
12) 1,3-Dichlorobenzene	6.792	146	719037	48.39	ng		98
13) 1,4-Dichlorobenzene	6.869	146	726316	48.17	ng		99
14) 1,2-Dichlorobenzene	7.022	146	696405	49.15	ng		99
15) Benzyl Alcohol	6.992	79	506002	34.40	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1651052	49.67	ng		97
17) 2-Methylphenol	7.110	107	453035	36.48	ng		97
18) Hexachloroethane	7.369	117	299606	49.84	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	613166	49.64	ng		98
20) 3+4-Methylphenols	7.263	107	467308	29.49	ng	#	50
22) Acetophenone	7.263	105	1137429	47.86	ng		99
24) Nitrobenzene	7.439	77	921726	46.97	ng		98
25) Isophorone	7.680	82	1737514	48.05	ng		98
26) 2-Nitrophenol	7.757	139	381998	56.96	ng		91
27) 2,4-Dimethylphenol	7.792	122	596874	48.23	ng		98
28) bis(2-Chloroethoxy)met...	7.886	93	995596	54.86	ng		100
29) 2,4-Dichlorophenol	7.998	162	567614	47.10	ng		99
30) 1,2,4-Trichlorobenzene	8.080	180	611685	47.24	ng		98
31) Naphthalene	8.163	128	2084274	47.22	ng		100
32) Benzoic acid	7.892	122	113212	16.99	ng		100
33) 4-Chloroaniline	8.210	127	638676	35.23	ng		95
34) Hexachlorobutadiene	8.280	225	376610	46.35	ng		98
35) Caprolactam	8.586	113	43428	10.32	ng		92
36) 4-Chloro-3-methylphenol	8.692	107	683248	43.72	ng		94
37) 2-Methylnaphthalene	8.857	142	1406778	48.60	ng		98
38) 1-Methylnaphthalene	8.957	142	1301310	47.52	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	608506	50.84	ng		98
41) Hexachlorocyclopentadiene	9.010	237	656544	105.56	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	422161	51.98	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.174	196	458509	51.64	ng		98
46) 1,1'-Biphenyl	9.322	154	1718575	50.63	ng		99
47) 2-Chloronaphthalene	9.345	162	1285823	50.34	ng		99
48) 2-Nitroaniline	9.439	65	615217	57.81	ng		93
49) Acenaphthylene	9.763	152	2227094	53.30	ng		98
50) Dimethylphthalate	9.627	163	1754887	58.57	ng		100
51) 2,6-Dinitrotoluene	9.686	165	356903	54.27	ng		93
52) Acenaphthene	9.933	154	1311888	48.94	ng		99
53) 3-Nitroaniline	9.851	138	313738	41.12	ng		97
54) 2,4-Dinitrophenol	9.963	184	399081	138.15	ng		93
55) Dibenzofuran	10.110	168	1906003	49.56	ng		99
56) 4-Nitrophenol	10.021	139	240359	41.12	ng		97
57) 2,4-Dinitrotoluene	10.092	165	485219	55.24	ng		94
58) Fluorene	10.451	166	1515759	50.15	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	383100	54.18	ng		98
60) Diethylphthalate	10.321	149	1741340	53.09	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	713171	51.12	ng		98
62) 4-Nitroaniline	10.474	138	399200	51.81	ng		98
63) Azobenzene	10.604	77	1862933	50.14	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	254138	57.17	ng	#	81
66) n-Nitrosodiphenylamine	10.563	169	1374495	50.40	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	453862	50.96	ng		97
68) Hexachlorobenzene	11.004	284	507501	50.56	ng		97
69) Atrazine	11.092	200	457845	53.87	ng		97
70) Pentachlorophenol	11.198	266	537266	102.45	ng		99
71) Phenanthrene	11.416	178	2188079	49.21	ng		98
72) Anthracene	11.468	178	2242394	50.46	ng		99
73) Carbazole	11.621	167	2177840	49.10	ng		98
74) Di-n-butylphthalate	11.951	149	2800352	52.17	ng		100
75) Fluoranthene	12.610	202	2344132	47.97	ng		98
77) Benzidine	12.727	184	1081711	70.60	ng		99
78) Pyrene	12.839	202	2375241	57.75	ng		99
80) Butylbenzylphthalate	13.457	149	1142342	59.10	ng		99
81) Benzo(a)anthracene	14.033	228	1767057	51.16	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	434739	39.40	ng		98
83) Chrysene	14.068	228	1694146	48.85	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	1488008	57.89	ng		99
85) Di-n-octyl phthalate	14.633	149	2286467	55.28	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1766775	71.04	ng		98
88) Benzo(b)fluoranthene	15.092	252	1544905	46.94	ng		97
89) Benzo(k)fluoranthene	15.121	252	1377925	46.81	ng		100
90) Benzo(a)pyrene	15.462	252	1302446	49.75	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	1437475	68.33	ng		98
92) Benzo(g,h,i)perylene	17.474	276	1493143	65.62	ng		96

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

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