Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
Data File : BF123686.D
Acq On : 22 Apr 2021 11:47
Operator : JU/CG
Sample : M2114-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-XMS

Quant Time: Apr 22 12:35:01 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	201341	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	770942	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	378675	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	727745	20.00	ng		0.00
76) Chrysene-d12	14.039	240	448267	20.00	ng		0.00
86) Perylene-d12	15.521	264	417546	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	794475	63.78	ng		0.00
7) Phenol-d6	6.487	99	673443	39.01	ng		0.00
23) Nitrobenzene-d5	7.416	82	1569983	93.62	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	621941	145.04	ng		0.01
45) 2-Fluorobiphenyl	9.222	172	2380423	93.71	ng		0.00
79) Terphenyl-d14	12.980	244	2202209	95.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	134383	20.65	ng		96
3) Pyridine	3.346	79	343546	21.59	ng		95
4) n-Nitrosodimethylamine	3.275	42	212680	22.55	ng		95
6) Aniline	6.510	93	727333	35.80	ng		97
8) 2-Chlorophenol	6.640	128	559906	41.84	ng		100
9) Benzaldehyde	6.398	77	498411	44.22	ng		99
10) Phenol	6.498	94	455299	24.84	ng		96
11) bis(2-Chloroethyl)ether	6.587	93	695563	51.03	ng		96
12) 1,3-Dichlorobenzene	6.793	146	666455	48.45	ng		97
13) 1,4-Dichlorobenzene	6.869	146	672391	48.17	ng		99
14) 1,2-Dichlorobenzene	7.022	146	645547	49.21	ng		97
15) Benzyl Alcohol	6.992	79	462501	33.96	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1502775	48.84	ng		98
17) 2-Methylphenol	7.110	107	401354	34.91	ng		98
18) Hexachloroethane	7.369	117	276921	49.76	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	545195	47.68	ng		97
20) 3+4-Methylphenols	7.263	107	426406	29.07	ng	#	51
22) Acetophenone	7.263	105	1028283	48.09	ng	#	98
24) Nitrobenzene	7.434	77	823745	46.65	ng		96
25) Isophorone	7.675	82	1543201	47.43	ng		100
26) 2-Nitrophenol	7.751	139	354218	58.70	ng		98
27) 2,4-Dimethylphenol	7.792	122	539248	48.43	ng		97
28) bis(2-Chloroethoxy)met...	7.887	93	876855	53.71	ng		100
29) 2,4-Dichlorophenol	7.998	162	499122	46.04	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	558205	47.91	ng		98
31) Naphthalene	8.163	128	1900061	47.85	ng		100
32) Benzoic acid	7.881	122	112603	18.31	ng		95
33) 4-Chloroaniline	8.210	127	586476	35.96	ng		94
34) Hexachlorobutadiene	8.281	225	334206	45.72	ng		100
35) Caprolactam	8.581	113	39903	10.54	ng	#	79
36) 4-Chloro-3-methylphenol	8.692	107	613255	43.61	ng		95
37) 2-Methylnaphthalene	8.851	142	1266156	48.62	ng		97
38) 1-Methylnaphthalene	8.951	142	1171068	47.53	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	551859	52.80	ng		99
41) Hexachlorocyclopentadiene	9.010	237	573244	105.55	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	381294	53.76	ng		97

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44) 2,4,5-Trichlorophenol	9.175	196	403476	52.04	ng		98
46) 1,1'-Biphenyl	9.322	154	1542122	52.03	ng		98
47) 2-Chloronaphthalene	9.345	162	1139078	51.07	ng		99
48) 2-Nitroaniline	9.439	65	531280	57.17	ng		94
49) Acenaphthylene	9.763	152	1979329	54.25	ng		99
50) Dimethylphthalate	9.622	163	1531773	58.55	ng		100
51) 2,6-Dinitrotoluene	9.681	165	307244	53.50	ng		94
52) Acenaphthene	9.933	154	1168555	49.92	ng		98
53) 3-Nitroaniline	9.851	138	262775	39.45	ng		99
54) 2,4-Dinitrophenol	9.963	184	327898	129.99	ng		97
55) Dibenzofuran	10.110	168	1686396	50.22	ng		96
56) 4-Nitrophenol	10.022	139	205010	40.16	ng		98
57) 2,4-Dinitrotoluene	10.086	165	432129	56.34	ng	#	88
58) Fluorene	10.451	166	1318913	49.97	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	331628	53.71	ng		97
60) Diethylphthalate	10.322	149	1484579	51.83	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	623874	51.21	ng		98
62) 4-Nitroaniline	10.469	138	341305	50.73	ng		95
63) Azobenzene	10.604	77	1612434	49.70	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	213263	56.16	ng		94
66) n-Nitrosodiphenylamine	10.563	169	1193876	51.25	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	394005	51.79	ng		97
68) Hexachlorobenzene	11.004	284	439130	51.21	ng		94
69) Atrazine	11.092	200	378323	52.11	ng		96
70) Pentachlorophenol	11.198	266	451115	100.70	ng		98
71) Phenanthrene	11.416	178	1903389	50.12	ng		100
72) Anthracene	11.469	178	1947968	51.32	ng		100
73) Carbazole	11.622	167	1813434	47.86	ng		97
74) Di-n-butylphthalate	11.951	149	2321619	50.63	ng		99
75) Fluoranthene	12.610	202	1951088	46.74	ng		98
77) Benzidine	12.727	184	782948	64.25	ng		99
78) Pyrene	12.839	202	1974937	60.37	ng		99
80) Butylbenzylphthalate	13.457	149	868173	56.48	ng		95
81) Benzo(a)anthracene	14.027	228	1393097	50.71	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	357532	40.74	ng	#	94
83) Chrysene	14.069	228	1356076	49.16	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	1078222	52.75	ng		99
85) Di-n-octyl phthalate	14.633	149	1697165	51.59	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1603591	71.98	ng		98
88) Benzo(b)fluoranthene	15.092	252	1358335	46.08	ng		98
89) Benzo(k)fluoranthene	15.121	252	1174982	44.48	ng		99
90) Benzo(a)pyrene	15.463	252	1153716	49.20	ng		97
91) Dibenzo(a,h)anthracene	17.033	278	1325573	70.35	ng		98
92) Benzo(g,h,i)perylene	17.468	276	1373289	66.91	ng		97

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

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