Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122524.D
Acq On : 1 Dec 2020 16:25
Operator : JU/CG
Sample : L4906-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-DRUMMSD

Manual Integrations APPROVED
mohammad
12/2/2020 12:41:04 PM

Quant Time: Dec 01 17:05:46 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 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	202773	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	794727	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	420402	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	786666	20.00	ng	0.00
76) Chrysene-d12	14.033	240	579270	20.00	ng	0.00
86) Perylene-d12	15.504	264	518635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1049645	79.48	ng	0.00
7) Phenol-d6	6.493	99	1327706	76.85	ng	0.00
23) Nitrobenzene-d5	7.422	82	837559	64.52	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	439819	97.48	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1555925	57.83	ng	0.00
79) Terphenyl-d14	12.974	244	1699331	62.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	211529	34.93	ng	88
3) Pyridine	3.399	79	601673	36.12	ng	88
4) n-Nitrosodimethylamine	3.352	42	274547	34.96	ng	89
6) Aniline	6.522	93	728960	32.16	ng	96
8) 2-Chlorophenol	6.645	128	628123	45.87	ng	89
9) Benzaldehyde	6.404	77	368831	40.50	ng	97
10) Phenol	6.510	94	791573	46.53	ng	89
11) bis(2-Chloroethyl)ether	6.593	93	582478	43.08	ng	93
12) 1,3-Dichlorobenzene	6.798	146	668000	42.96	ng	97
13) 1,4-Dichlorobenzene	6.875	146	679224	43.49	ng	99
14) 1,2-Dichlorobenzene	7.028	146	650036	44.60	ng	99
15) Benzyl Alcohol	7.004	79	505535	41.16	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	771595	39.15	ng	93
17) 2-Methylphenol	7.116	107	511082	44.71	ng	99
18) Hexachloroethane	7.375	117	242563	44.60	ng	90
19) n-Nitroso-di-n-propyla...	7.275	70	410729	39.79	ng	93
20) 3+4-Methylphenols	7.269	107	585694	41.64	ng	98
22) Acetophenone	7.269	105	774742	37.43	ng	94
24) Nitrobenzene	7.440	77	646723	43.54	ng	96
25) Isophorone	7.687	82	1136964	39.29	ng	94
26) 2-Nitrophenol	7.757	139	328022	50.46	ng	99
27) 2,4-Dimethylphenol	7.798	122	542186	39.72	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	724941	40.96	ng	99
29) 2,4-Dichlorophenol	8.004	162	533610	44.15	ng	95
30) 1,2,4-Trichlorobenzene	8.087	180	560134	41.99	ng	96
31) Naphthalene	8.169	128	1717934	40.66	ng	99
32) Benzoic acid	7.916	122	201245	30.18	ng	99
33) 4-Chloroaniline	8.210	127	346591	18.84	ng	98
34) Hexachlorobutadiene	8.287	225	332204	43.33	ng	99
35) Caprolactam	8.592	113	168283m	43.93	ng	
36) 4-Chloro-3-methylphenol	8.704	107	557825	44.25	ng	94
37) 2-Methylnaphthalene	8.857	142	1173510	42.04	ng	99
38) 1-Methylnaphthalene	8.957	142	1095297	41.92	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	552117	42.62	ng	99
41) Hexachlorocyclopentadiene	9.016	237	590604	77.97	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	382598	45.48	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	414987	47.05	ng		97
46) 1,1'-Biphenyl	9.322	154	1397843	41.77	ng		99
47) 2-Chloronaphthalene	9.345	162	1126249	42.41	ng		99
48) 2-Nitroaniline	9.445	65	343013	43.85	ng		87
49) Acenaphthylene	9.763	152	1719075	42.11	ng		99
50) Dimethylphthalate	9.628	163	1495943	50.06	ng		100
51) 2,6-Dinitrotoluene	9.686	165	306924	46.30	ng	#	84
52) Acenaphthene	9.939	154	1167297m	46.20	ng		
53) 3-Nitroaniline	9.851	138	193799	27.25	ng		96
54) 2,4-Dinitrophenol	9.963	184	239480	83.46	ng		94
55) Dibenzofuran	10.110	168	1579092	42.66	ng		99
56) 4-Nitrophenol	10.028	139	510091	78.38	ng		95
57) 2,4-Dinitrotoluene	10.092	165	418106	49.71	ng	#	88
58) Fluorene	10.451	166	1225709	43.24	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	364226	49.66	ng		95
60) Diethylphthalate	10.322	149	1280533	43.68	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	587898	43.93	ng		98
62) 4-Nitroaniline	10.469	138	315273	42.93	ng		99
63) Azobenzene	10.604	77	1216878	39.57	ng		94
65) 4,6-Dinitro-2-methylph...	10.498	198	191590	53.77	ng		96
66) n-Nitrosodiphenylamine	10.563	169	1110450	41.43	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	411820	44.55	ng		97
68) Hexachlorobenzene	11.004	284	442984	44.35	ng		93
69) Atrazine	11.092	200	328459	49.21	ng		97
70) Pentachlorophenol	11.198	266	489703	85.10	ng		99
71) Phenanthrene	11.416	178	1990646	44.60	ng		98
72) Anthracene	11.469	178	1939976	42.17	ng		100
73) Carbazole	11.622	167	1744797	41.69	ng		99
74) Di-n-butylphthalate	11.951	149	1961804	43.97	ng		99
75) Fluoranthene	12.604	202	2146140	46.06	ng		99
77) Benzidine	12.727	184	938128	58.39	ng		99
78) Pyrene	12.833	202	2144138	52.69	ng		99
80) Butylbenzylphthalate	13.451	149	828110	50.56	ng		93
81) Benzo(a)anthracene	14.021	228	1636853	45.44	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	442875	32.99	ng		99
83) Chrysene	14.063	228	1610399	44.38	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1114161	56.78	ng		98
85) Di-n-octyl phthalate	14.621	149	1761944	52.98	ng		96
87) Indeno(1,2,3-cd)pyrene	16.986	276	1664351	53.48	ng		99
88) Benzo(b)fluoranthene	15.074	252	1617934	48.17	ng		100
89) Benzo(k)fluoranthene	15.104	252	1304899	39.84	ng		99
90) Benzo(a)pyrene	15.445	252	1319065	45.05	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	1332517	51.12	ng		99
92) Benzo(g,h,i)perylene	17.427	276	1434044	56.57	ng		98

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

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