Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122580.D
Acq On : 7 Dec 2020 19:29
Operator : JU/CG
Sample : L4952-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-275MS

Manual Integrations APPROVED
mohammad
12/8/2020 2:06:11 PM

Quant Time: Dec 08 00:24:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	167425	20.00	ng	0.00
21) Naphthalene-d8	8.127	136	638284	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	334991	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	602982	20.00	ng	0.00
76) Chrysene-d12	14.004	240	440706	20.00	ng	0.00
86) Perylene-d12	15.462	264	421736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	880579	83.27	ng	0.00
7) Phenol-d6	6.475	99	1102655	78.62	ng	0.00
23) Nitrobenzene-d5	7.404	82	691982	54.32	ng	0.00
42) 2,4,6-Tribromophenol	10.668	330	330949	75.47	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1282250	51.77	ng	0.00
79) Terphenyl-d14	12.951	244	1289493	51.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	187044	37.63	ng	100
3) Pyridine	3.369	79	525875	40.03	ng	98
4) n-Nitrosodimethylamine	3.322	42	236739	44.93	ng	100
6) Aniline	6.504	93	488126	29.57	ng	98
8) 2-Chlorophenol	6.628	128	534070	45.82	ng	96
9) Benzaldehyde	6.386	77	255554	30.10	ng	99
10) Phenol	6.486	94	673732	46.36	ng	92
11) bis(2-Chloroethyl)ether	6.575	93	497013	44.76	ng	99
12) 1,3-Dichlorobenzene	6.781	146	578469	41.94	ng	97
13) 1,4-Dichlorobenzene	6.857	146	587168	42.22	ng	98
14) 1,2-Dichlorobenzene	7.010	146	555818	41.40	ng	99
15) Benzyl Alcohol	6.980	79	444358	46.01	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	659547	41.66	ng	99
17) 2-Methylphenol	7.098	107	419292	45.25	ng	98
18) Hexachloroethane	7.357	117	207119	41.79	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	343309	42.73	ng	99
20) 3+4-Methylphenols	7.251	107	497443	42.50	ng	91
22) Acetophenone	7.251	105	661871	41.70	ng	97
24) Nitrobenzene	7.422	77	537233	42.39	ng	99
25) Isophorone	7.663	82	959710	43.74	ng	100
26) 2-Nitrophenol	7.739	139	274511	44.41	ng	97
27) 2,4-Dimethylphenol	7.780	122	451187	49.80	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	614984	40.93	ng	100
29) 2,4-Dichlorophenol	7.980	162	449837	42.52	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	485560	40.51	ng	99
31) Naphthalene	8.145	128	1481086	42.05	ng	100
32) Benzoic acid	7.857	122	45495m	6.30	ng	
33) 4-Chloroaniline	8.192	127	252722	17.16	ng	99
34) Hexachlorobutadiene	8.263	225	286660	38.85	ng	99
35) Caprolactam	8.563	113	126136m	39.58	ng	
36) 4-Chloro-3-methylphenol	8.680	107	458333	43.98	ng	97
37) 2-Methylnaphthalene	8.839	142	985976	42.32	ng	99
38) 1-Methylnaphthalene	8.939	142	920306	41.76	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	462665	41.70	ng	99
41) Hexachlorocyclopentadiene	8.992	237	486216	99.11	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	311935	40.71	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	336972	42.54	ng		98
46) 1,1'-Biphenyl	9.304	154	1174665	42.25	ng		99
47) 2-Chloronaphthalene	9.327	162	933978	40.55	ng		99
48) 2-Nitroaniline	9.422	65	278080	41.41	ng		94
49) Acenaphthylene	9.745	152	1453409	42.72	ng		99
50) Dimethylphthalate	9.604	163	1152738	43.09	ng		100
51) 2,6-Dinitrotoluene	9.663	165	249712	44.19	ng		91
52) Acenaphthene	9.916	154	912148m	41.44	ng		
53) 3-Nitroaniline	9.827	138	160886	24.64	ng		94
54) 2,4-Dinitrophenol	9.939	184	103551	37.48	ng		94
55) Dibenzofuran	10.086	168	1295908	41.85	ng		99
56) 4-Nitrophenol	9.998	139	386550	83.03	ng		91
57) 2,4-Dinitrotoluene	10.069	165	330987	43.98	ng		95
58) Fluorene	10.427	166	997339	40.50	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	270130	38.82	ng		100
60) Diethylphthalate	10.304	149	1044638	40.14	ng		99
61) 4-Chlorophenyl-phenyle...	10.421	204	480888	39.66	ng		97
62) 4-Nitroaniline	10.445	138	259010	39.08	ng		98
63) Azobenzene	10.580	77	1000463	41.83	ng		98
65) 4,6-Dinitro-2-methylph...	10.474	198	115210	31.33	ng		99
66) n-Nitrosodiphenylamine	10.539	169	906287	42.54	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	330942	40.50	ng		95
68) Hexachlorobenzene	10.980	284	363878	40.28	ng	#	92
69) Atrazine	11.063	200	251741	36.38	ng		99
70) Pentachlorophenol	11.174	266	310977	64.98	ng		99
71) Phenanthrene	11.392	178	1514885	42.27	ng		99
72) Anthracene	11.445	178	1543782	43.44	ng		99
73) Carbazole	11.598	167	1395770	43.31	ng		99
74) Di-n-butylphthalate	11.927	149	1570777	38.79	ng		99
75) Fluoranthene	12.580	202	1571729	41.82	ng		98
77) Benzidine	12.698	184	528237	55.41	ng		99
78) Pyrene	12.810	202	1576922	46.28	ng		99
80) Butylbenzylphthalate	13.427	149	628841	40.97	ng		96
81) Benzo(a)anthracene	13.998	228	1283524	43.58	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	242622	23.00	ng		98
83) Chrysene	14.033	228	1272803	43.42	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	799730	38.05	ng		100
85) Di-n-octyl phthalate	14.598	149	1288032	36.94	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	1402811	50.67	ng		100
88) Benzo(b)fluoranthene	15.045	252	1273658	43.04	ng		98
89) Benzo(k)fluoranthene	15.074	252	1154280	42.66	ng		98
90) Benzo(a)pyrene	15.403	252	1098269	42.42	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	1133802	50.04	ng		98
92) Benzo(g,h,i)perylene	17.368	276	1224394	55.84	ng		98

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

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