Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118447.D
Acq On : 2 Jan 2020 20:43
Operator : JU
Sample : K6465-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Manual Integrations APPROVED
mohammad
1/3/2020 11:04:36 AM

Quant Time: Jan 03 03:43:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124944	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	499365	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	263302	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	448245	20.00	ng		0.00
76) Chrysene-d12	14.04	240	259942	20.00	ng		0.00
87) Perylene-d12	15.53	264	280381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	656880	89.74	ng		0.01
7) Phenol-d6	6.49	99	953948	105.06	ng		0.00
23) Nitrobenzene-d5	7.42	82	563639	64.56	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	288671	88.78	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1081464	62.70	ng		0.00
79) Terphenyl-d14	12.97	244	920751	58.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	83752	28.783	ng		97
3) Pyridine	3.40	79	210431	27.144	ng		97
4) n-Nitrosodimethylamine	3.36	42	117793	36.750	ng	#	85
6) Aniline	6.51	93	376364	32.642	ng	#	63
8) 2-Chlorophenol	6.64	128	402665	48.573	ng		99
9) Benzaldehyde	6.40	77	214115	40.220	ng		98
10) Phenol	6.50	94	480448	47.077	ng		87
11) bis(2-Chloroethyl)ether	6.58	93	338345	46.356	ng		99
12) 1,3-Dichlorobenzene	6.79	146	421310	44.128	ng		98
13) 1,4-Dichlorobenzene	6.86	146	432422	44.591	ng		98
14) 1,2-Dichlorobenzene	7.02	146	411807	44.979	ng		98
15) Benzyl Alcohol	7.00	79	319443	46.205	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	340591	43.731	ng		71
17) 2-Methylphenol	7.11	107	315330	47.425	ng		96
18) Hexachloroethane	7.36	117	148315	41.672	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	249627	44.627	ng		96
20) 3+4-Methylphenols	7.27	107	404262	47.506	ng	#	76
22) Acetophenone	7.26	105	530576	43.352	ng		97
24) Nitrobenzene	7.43	77	385077	44.029	ng		98
25) Isophorone	7.67	82	693183	45.556	ng		99
26) 2-Nitrophenol	7.75	139	218681	47.206	ng		99
27) 2,4-Dimethylphenol	7.79	122	338970	53.630	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	429340	43.144	ng		99
29) 2,4-Dichlorophenol	8.00	162	334944	46.041	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	362689	42.798	ng		99
31) Naphthalene	8.16	128	1172523	46.197	ng		100
32) Benzoic acid	7.95	122	188355	36.793	ng		95
33) 4-Chloroaniline	8.21	127	174294	16.019	ng		95
34) Hexachlorobutadiene	8.27	225	208993	41.430	ng		99
35) Caprolactam	8.59	113	110292m	48.560	ng		
36) 4-Chloro-3-methylphenol	8.71	107	355042	45.456	ng		98
37) 2-Methylnaphthalene	8.85	142	802696	46.192	ng		100
38) 1-Methylnaphthalene	8.95	142	752694	45.975	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	349945	44.235	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	78279	29.882	ng		97
43) 2,4,6-Trichlorophenol	9.14	196	236854	44.815	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	244364	44.946	ng		99
46) 1,1'-Biphenyl	9.32	154	947188	45.482	ng		98
47) 2-Chloronaphthalene	9.35	162	733629	43.769	ng		98
48) 2-Nitroaniline	9.45	65	199365	42.111	ng		98
49) Acenaphthylene	9.76	152	1134744	45.648	ng		99
50) Dimethylphthalate	9.62	163	947632	47.946	ng		99
51) 2,6-Dinitrotoluene	9.69	165	193283	45.360	ng		97
52) Acenaphthene	9.93	154	679184	44.855	ng		98
53) 3-Nitroaniline	9.86	138	126560	25.306	ng		98
54) 2,4-Dinitrophenol	9.98	184	48731	26.396	ng		95
55) Dibenzofuran	10.10	168	1027368	45.920	ng		96
56) 4-Nitrophenol	10.04	139	245180	79.412	ng		94
57) 2,4-Dinitrotoluene	10.10	165	246217	43.244	ng	#	82
58) Fluorene	10.45	166	793729	43.947	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	189131	40.941	ng		99
60) Diethylphthalate	10.32	149	880163	45.014	ng		100
61) 4-Chlorophenyl-phenylether	10.44	204	395756	43.895	ng		98
62) 4-Nitroaniline	10.48	138	176109	33.896	ng		98
63) Azobenzene	10.60	77	737241	44.019	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	50039	20.693	ng		96
66) n-Nitrosodiphenylamine	10.56	169	706053	49.147	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	242629	46.252	ng		95
68) Hexachlorobenzene	11.00	284	269908	43.712	ng		97
69) Atrazine	11.09	200	231612	52.237	ng		99
70) Pentachlorophenol	11.20	266	187682	70.184	ng		99
71) Phenanthrene	11.42	178	1165645	47.702	ng		100
72) Anthracene	11.47	178	1133512	46.343	ng		99
73) Carbazole	11.63	167	938563	43.245	ng		99
74) Di-n-butylphthalate	11.94	149	1309694	47.592	ng		100
75) Fluoranthene	12.61	202	1096649	44.468	ng		97
77) Benzidine	12.73	184	473440	66.470	ng		98
78) Pyrene	12.84	202	1046605	49.305	ng		100
80) Butylbenzylphthalate	13.45	149	443039	46.354	ng		97
81) Benzo(a)anthracene	14.03	228	870478	47.841	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	294361	47.715	ng		99
83) Chrysene	14.07	228	815827	46.827	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	635987	50.605	ng		100
85) Di-n-octyl phthalate	14.62	149	1002446	54.225	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	717879	48.359	ng		99
88) Benzo(b)fluoranthene	15.09	252	874501	46.987	ng		98
89) Benzo(k)fluoranthene	15.13	252	778103	43.541	ng		98
90) Benzo(a)pyrene	15.47	252	747007	45.562	ng		98
91) Dibenzo(a,h)anthracene	17.05	278	603829	42.440	ng		98
92) Benzo(g,h,i)perylene	17.50	276	559993	40.745	ng		99

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

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