Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119573.D
Acq On : 27 Mar 2020 18:00
Operator : CG/JU
Sample : PB127856BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127856BSD

Manual Integrations APPROVED
mohammad
3/31/2020 8:15:14 AM

Quant Time: Mar 28 01:24:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	266688	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1070024	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	565941	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	1067755	20.00	ng		0.00
76) Chrysene-d12	14.01	240	812033	20.00	ng		0.00
87) Perylene-d12	15.47	264	682244	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1557082	92.94	ng		0.01
7) Phenol-d6	6.46	99	1971010	92.10	ng		0.00
23) Nitrobenzene-d5	7.39	82	1271404	64.58	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	601119	102.96	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2418548	63.31	ng		0.00
79) Terphenyl-d14	12.96	244	2828056	68.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	241926	29.239	ng		98
3) Pyridine	3.38	79	636866	27.939	ng		96
4) n-Nitrosodimethylamine	3.33	42	336727	30.292	ng		91
6) Aniline	6.49	93	738753	25.012	ng		98
8) 2-Chlorophenol	6.62	128	653087	37.117	ng		99
9) Benzaldehyde	6.38	77	389576	28.696	ng		99
10) Phenol	6.47	94	821954	35.996	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	611947	33.507	ng		98
12) 1,3-Dichlorobenzene	6.77	146	658947	34.603	ng		98
13) 1,4-Dichlorobenzene	6.85	146	681900	35.799	ng		99
14) 1,2-Dichlorobenzene	7.00	146	625578	35.136	ng		99
15) Benzyl Alcohol	6.97	79	544129	33.801	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1184713	32.160	ng		100
17) 2-Methylphenol	7.08	107	535811	33.236	ng		98
18) Hexachloroethane	7.35	117	246347	35.291	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	447485	34.691	ng		98
20) 3+4-Methylphenols	7.23	107	657036	33.256	ng		92
22) Acetophenone	7.24	105	849290	33.217	ng	#	90
24) Nitrobenzene	7.42	77	690628	32.823	ng		95
25) Isophorone	7.65	82	1315073	32.927	ng		99
26) 2-Nitrophenol	7.73	139	361875	43.681	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	586443	34.234	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	791548	33.516	ng		98
29) 2,4-Dichlorophenol	7.97	162	540529	34.341	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	574159	32.984	ng		99
31) Naphthalene	8.14	128	1871084	33.980	ng		99
32) Benzoic acid	7.88	122	431767	39.183	ng		98
33) 4-Chloroaniline	8.19	127	455346	18.047	ng		98
34) Hexachlorobutadiene	8.26	225	326388	33.512	ng		99
35) Caprolactam	8.55	113	175293m	34.029	ng		
36) 4-Chloro-3-methylphenol	8.67	107	605313	35.186	ng		97
37) 2-Methylnaphthalene	8.83	142	1255093	34.730	ng		97
38) 1-Methylnaphthalene	8.93	142	1188742	34.753	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	538977	32.492	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	653271	69.271 ng	100
43) 2,4,6-Trichlorophenol	9.11	196	420755	35.444 ng	99
44) 2,4,5-Trichlorophenol	9.15	196	443729	33.368 ng	94
46) 1,1'-Biphenyl	9.30	154	1559294	33.829 ng	98
47) 2-Chloronaphthalene	9.32	162	1237121	34.264 ng	99
48) 2-Nitroaniline	9.42	65	441332	35.414 ng	99
49) Acenaphthylene	9.74	152	1867645	32.940 ng	99
50) Dimethylphthalate	9.60	163	1400067	34.828 ng	100
51) 2,6-Dinitrotoluene	9.66	165	320939	37.247 ng	89
52) Acenaphthene	9.92	154	1288091	36.442 ng	99
53) 3-Nitroaniline	9.83	138	246213	22.634 ng	95
54) 2,4-Dinitrophenol	9.93	184	302842	81.115 ng	95
55) Dibenzofuran	10.09	168	1771874	34.964 ng	99
56) 4-Nitrophenol	9.99	139	546029	63.629 ng	96
57) 2,4-Dinitrotoluene	10.06	165	420626	38.752 ng	97
58) Fluorene	10.43	166	1336311	35.658 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	354309	35.644 ng	99
60) Diethylphthalate	10.30	149	1453489	35.625 ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	643897	35.135 ng	98
62) 4-Nitroaniline	10.45	138	350469	33.598 ng	95
63) Azobenzene	10.58	77	1461058	35.561 ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	209809	46.860 ng	84
66) n-Nitrosodiphenylamine	10.54	169	1253443	35.759 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	418543	34.419 ng	99
68) Hexachlorobenzene	10.97	284	443524	35.636 ng	99
69) Atrazine	11.07	200	381018	39.649 ng	99
70) Pentachlorophenol	11.17	266	500388	68.568 ng	99
71) Phenanthrene	11.39	178	1915227	34.592 ng	98
72) Anthracene	11.45	178	1937964	34.440 ng	100
73) Carbazole	11.59	167	1814626	32.580 ng	99
74) Di-n-butylphthalate	11.93	149	2313489	38.829 ng	100
75) Fluoranthene	12.58	202	2053198	34.266 ng	98
77) Benzidine	12.70	184	1271322	36.994 ng	99
78) Pyrene	12.81	202	2094466	31.428 ng	99
80) Butylbenzylphthalate	13.43	149	1001716	37.164 ng	98
81) Benzo(a)anthracene	14.00	228	1694981	32.099 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	412715	19.822 ng	99
83) Chrysene	14.03	228	1746110	32.040 ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1332650	41.475 ng	100
85) Di-n-octyl phthalate	14.60	149	2348659	41.562 ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1513394	29.486 ng	99
88) Benzo(b)fluoranthene	15.04	252	1625832	35.675 ng	98
89) Benzo(k)fluoranthene	15.07	252	1597522	36.813 ng	99
90) Benzo(a)pyrene	15.41	252	1365368	32.967 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1255569	34.659 ng	99
92) Benzo(g,h,i)perylene	17.37	276	1174239	32.265 ng	98

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

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