Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112793.D
Acq On : 1 Mar 2019 12:12
Operator : JU/SJ
Sample : PB117470BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117470BS

Manual Integrations APPROVED
Sohil
3/4/2019 4:55:27 PM

Quant Time: Mar 01 22:47:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	208408	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	804173	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	383018	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	748280	20.00	ng		0.00
76) Chrysene-d12	13.88	240	511206	20.00	ng		0.00
87) Perylene-d12	15.29	264	432458	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1578310	117.80	ng		0.03
7) Phenol-d6	6.39	99	2039825	121.20	ng		0.02
23) Nitrobenzene-d5	7.30	82	1092774	81.31	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	587072	144.38	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1920348	82.40	ng		0.00
79) Terphenyl-d14	12.84	244	2090438	79.27	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	228352	34.002	ng		99
3) Pyridine	3.28	79	602710	33.545	ng		99
4) n-Nitrosodimethylamine	3.20	42	274336	34.904	ng		98
6) Aniline	6.40	93	591987	25.554	ng	#	82
8) 2-Chlorophenol	6.53	128	543437	36.438	ng		97
9) Benzaldehyde	6.29	77	188004	15.503	ng		98
10) Phenol	6.40	94	672316	34.233	ng		91
11) bis(2-Chloroethyl)ether	6.49	93	535867	35.549	ng		96
12) 1,3-Dichlorobenzene	6.69	146	580034	37.648	ng		98
13) 1,4-Dichlorobenzene	6.76	146	585600	37.901	ng		99
14) 1,2-Dichlorobenzene	6.92	146	534743	37.754	ng		99
15) Benzyl Alcohol	6.89	79	488899	38.096	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	882032	35.062	ng		99
17) 2-Methylphenol	7.00	107	456688	37.746	ng		98
18) Hexachloroethane	7.26	117	220396	37.239	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	377846	35.449	ng		99
20) 3+4-Methylphenols	7.16	107	531605	38.918	ng		97
22) Acetophenone	7.15	105	730802	38.865	ng		99
24) Nitrobenzene	7.32	77	598579	40.018	ng		99
25) Isophorone	7.57	82	1087337	37.556	ng		99
26) 2-Nitrophenol	7.64	139	304274	48.867	ng		95
27) 2,4-Dimethylphenol	7.69	122	493604	42.611	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	681263	37.635	ng		99
29) 2,4-Dichlorophenol	7.89	162	467857	41.648	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	501619	41.558	ng		99
31) Naphthalene	8.05	128	1581449	39.610	ng		100
32) Benzoic acid	7.82	122	388730	47.879	ng		90
33) 4-Chloroaniline	8.09	127	360946	21.345	ng		98
34) Hexachlorobutadiene	8.17	225	283353	41.625	ng		98
35) Caprolactam	8.46	113	156779m	39.625	ng		
36) 4-Chloro-3-methylphenol	8.58	107	489915	39.407	ng		96
37) 2-Methylnaphthalene	8.74	142	1065782	41.336	ng		99
38) 1-Methylnaphthalene	8.84	142	1001087	40.082	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	446102	39.940	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	573511	93.768	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	342732	44.586	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	351717	42.331	ng		98
46) 1,1'-Biphenyl	9.20	154	1245420	39.865	ng		98
47) 2-Chloronaphthalene	9.23	162	970160	39.770	ng		97
48) 2-Nitroaniline	9.32	65	319014	43.024	ng		98
49) Acenaphthylene	9.64	152	1567227	37.844	ng		99
50) Dimethylphthalate	9.50	163	1115167	39.486	ng		100
51) 2,6-Dinitrotoluene	9.56	165	256802	43.666	ng		92
52) Acenaphthene	9.81	154	949278	39.197	ng		99
53) 3-Nitroaniline	9.72	138	187034	26.100	ng		94
54) 2,4-Dinitrophenol	9.83	184	253616	103.375	ng	#	91
55) Dibenzofuran	9.98	168	1372471	38.993	ng		99
56) 4-Nitrophenol	9.89	139	466602	80.115	ng		98
57) 2,4-Dinitrotoluene	9.96	165	339391	46.426	ng		91
58) Fluorene	10.32	166	987014	39.509	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	306313	44.250	ng		96
60) Diethylphthalate	10.20	149	1129314	37.861	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	482694	41.528	ng		97
62) 4-Nitroaniline	10.34	138	274369	41.433	ng		96
63) Azobenzene	10.47	77	1099411	35.985	ng		97
65) 4,6-Dinitro-2-methylphenol	10.37	198	159268	51.436	ng		91
66) n-Nitrosodiphenylamine	10.43	169	947021	39.462	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	319998	40.601	ng		95
68) Hexachlorobenzene	10.87	284	369546	41.594	ng	#	90
69) Atrazine	10.96	200	294233	40.033	ng		98
70) Pentachlorophenol	11.06	266	411409	78.674	ng		98
71) Phenanthrene	11.28	178	1481871	39.803	ng		99
72) Anthracene	11.33	178	1525864	39.153	ng		99
73) Carbazole	11.48	167	1433446	37.705	ng		100
74) Di-n-butylphthalate	11.82	149	1726492	37.875	ng		100
75) Fluoranthene	12.46	202	1597856	40.059	ng		97
77) Benzidine	12.58	184	641241	24.177	ng		98
78) Pyrene	12.69	202	1642673	38.117	ng		100
80) Butylbenzylphthalate	13.31	149	739495	38.874	ng		95
81) Benzo(a)anthracene	13.87	228	1305018	36.834	ng		100
82) 3,3'-Dichlorobenzidine	13.83	252	363878	27.156	ng		98
83) Chrysene	13.91	228	1275476	36.752	ng		100
84) Bis(2-ethylhexyl)phthalate	13.87	149	829707	37.185	ng		100
85) Di-n-octyl phthalate	14.48	149	1489969	38.888	ng		97
86) Indeno(1,2,3-cd)pyrene	16.65	276	1083624	36.625	ng		96
88) Benzo(b)fluoranthene	14.89	252	1204891m	43.074	ng		
89) Benzo(k)fluoranthene	14.92	252	1040270	41.056	ng		99
90) Benzo(a)pyrene	15.23	252	1055711	42.668	ng		97
91) Dibenzo(a,h)anthracene	16.67	278	899926	42.624	ng		98
92) Benzo(g,h,i)perylene	17.06	276	905031	42.690	ng		97

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

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