Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119572.D
Acq On : 27 Mar 2020 17:33
Operator : CG/JU
Sample : PB127856BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127856BS

Manual Integrations APPROVED
mohammad
3/31/2020 8:15:11 AM

Quant Time: Mar 28 01:17:20 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	264183	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	995921	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	557103	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	1076351	20.00	ng		0.00
76) Chrysene-d12	14.01	240	760268	20.00	ng		0.00
87) Perylene-d12	15.47	264	659219	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1560007	94.00	ng		0.01
7) Phenol-d6	6.46	99	2062619	97.30	ng		0.00
23) Nitrobenzene-d5	7.40	82	1240146	67.68	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	608418	105.86	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2496682	66.39	ng		0.00
79) Terphenyl-d14	12.96	244	2755943	71.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	241602	29.477	ng		99
3) Pyridine	3.38	79	648136	28.703	ng		98
4) n-Nitrosodimethylamine	3.33	42	348778	31.674	ng		94
6) Aniline	6.49	93	770580	26.337	ng		98
8) 2-Chlorophenol	6.62	128	668705	38.365	ng		98
9) Benzaldehyde	6.38	77	399295	29.691	ng		99
10) Phenol	6.47	94	871472	38.526	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	640335	35.394	ng		98
12) 1,3-Dichlorobenzene	6.77	146	681044	36.102	ng		99
13) 1,4-Dichlorobenzene	6.85	146	683185	36.207	ng		99
14) 1,2-Dichlorobenzene	7.00	146	632079	35.838	ng		100
15) Benzyl Alcohol	6.97	79	549184	34.439	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1209769	33.152	ng		99
17) 2-Methylphenol	7.08	107	545729	34.173	ng		98
18) Hexachloroethane	7.35	117	256081	37.033	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	462225	36.174	ng		99
20) 3+4-Methylphenols	7.23	107	674423	34.459	ng		93
22) Acetophenone	7.24	105	877927	36.892	ng	#	91
24) Nitrobenzene	7.42	77	687769	35.120	ng		96
25) Isophorone	7.65	82	1272905	34.243	ng		99
26) 2-Nitrophenol	7.73	139	355858	46.150	ng		87
27) 2,4-Dimethylphenol	7.77	122	580237	36.392	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	807556	36.738	ng		100
29) 2,4-Dichlorophenol	7.97	162	556041	37.955	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	572612	35.343	ng		99
31) Naphthalene	8.14	128	1818037	35.473	ng		99
32) Benzoic acid	7.88	122	441359	43.034	ng		96
33) 4-Chloroaniline	8.19	127	427660	18.211	ng		97
34) Hexachlorobutadiene	8.26	225	324415	35.788	ng		99
35) Caprolactam	8.55	113	177399m	37.000	ng		
36) 4-Chloro-3-methylphenol	8.67	107	613937	38.343	ng		99
37) 2-Methylnaphthalene	8.83	142	1300517	38.665	ng		99
38) 1-Methylnaphthalene	8.93	142	1156419	36.323	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	564879	34.593	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	673617	72.562	ng	100
43) 2,4,6-Trichlorophenol	9.11	196	422683	36.172	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	440672	33.664	ng	93
46) 1,1'-Biphenyl	9.30	154	1584835	34.929	ng	99
47) 2-Chloronaphthalene	9.32	162	1229073	34.582	ng	99
48) 2-Nitroaniline	9.42	65	459425	37.450	ng	98
49) Acenaphthylene	9.74	152	1946258	34.871	ng	99
50) Dimethylphthalate	9.60	163	1395617	35.268	ng	99
51) 2,6-Dinitrotoluene	9.66	165	328908	38.778	ng	90
52) Acenaphthene	9.91	154	1336937	38.424	ng	99
53) 3-Nitroaniline	9.83	138	241385	22.542	ng	93
54) 2,4-Dinitrophenol	9.93	184	305546	82.957	ng	98
55) Dibenzofuran	10.09	168	1682683	33.730	ng	99
56) 4-Nitrophenol	9.99	139	543561	64.347	ng	95
57) 2,4-Dinitrotoluene	10.06	165	412127	38.571	ng	97
58) Fluorene	10.43	166	1320743	35.802	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	373531	38.174	ng	99
60) Diethylphthalate	10.30	149	1449898	36.101	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	642759	35.630	ng	98
62) 4-Nitroaniline	10.45	138	352546	34.333	ng	96
63) Azobenzene	10.58	77	1430896	35.380	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	213478	47.298	ng	87
66) n-Nitrosodiphenylamine	10.54	169	1227448	34.738	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	408517	33.326	ng	98
68) Hexachlorobenzene	10.97	284	442932	35.304	ng	98
69) Atrazine	11.07	200	381346	39.367	ng	99
70) Pentachlorophenol	11.17	266	503165	68.398	ng	99
71) Phenanthrene	11.39	178	1954274	35.016	ng	99
72) Anthracene	11.45	178	2048734	36.118	ng	99
73) Carbazole	11.60	167	1879248	33.471	ng	98
74) Di-n-butylphthalate	11.93	149	2305473	38.386	ng	99
75) Fluoranthene	12.58	202	2150745	35.608	ng	99
77) Benzidine	12.70	184	1281464	39.828	ng	100
78) Pyrene	12.81	202	2131947	34.169	ng	99
80) Butylbenzylphthalate	13.43	149	971773	38.508	ng	97
81) Benzo(a)anthracene	14.00	228	1677017	33.921	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	407977	20.929	ng	99
83) Chrysene	14.03	228	1739032	34.083	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1279515	42.533	ng	99
85) Di-n-octyl phthalate	14.60	149	2250111	42.529	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1481149	30.823	ng	98
88) Benzo(b)fluoranthene	15.04	252	1581716	35.919	ng	99
89) Benzo(k)fluoranthene	15.07	252	1551777	37.008	ng	100
90) Benzo(a)pyrene	15.41	252	1396936	34.907	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1247274	35.633	ng	99
92) Benzo(g,h,i)perylene	17.37	276	1204941	34.265	ng	95

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

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