Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118807.D
Acq On : 4 Feb 2020 17:58
Operator : CG/JU
Sample : L1360-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MS

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:06 PM

Quant Time: Feb 05 06:41:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	261087	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	992255	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	563711	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1027819	20.00	ng		0.00
76) Chrysene-d12	13.97	240	712489	20.00	ng		-0.01
87) Perylene-d12	15.40	264	738291	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1282669	93.00	ng		0.00
7) Phenol-d6	6.45	99	1596571	93.25	ng		0.00
23) Nitrobenzene-d5	7.37	82	1015284	60.99	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	609008	90.29	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2152564	68.26	ng		-0.01
79) Terphenyl-d14	12.92	244	2605147	75.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	226997	36.113	ng		100
3) Pyridine	3.35	79	568204	32.554	ng		99
4) n-Nitrosodimethylamine	3.28	42	250840	39.472	ng		96
6) Aniline	6.47	93	537451	24.372	ng		99
8) 2-Chlorophenol	6.60	128	649943	42.306	ng		99
9) Benzaldehyde	6.36	77	303138	27.618	ng		99
10) Phenol	6.46	94	778210	40.877	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	588475	40.403	ng		99
12) 1,3-Dichlorobenzene	6.76	146	716152	39.163	ng		96
13) 1,4-Dichlorobenzene	6.83	146	721269	39.542	ng		99
14) 1,2-Dichlorobenzene	6.99	146	666926	38.276	ng		98
15) Benzyl Alcohol	6.95	79	548338	41.433	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	689730	38.669	ng		100
17) 2-Methylphenol	7.07	107	529852	41.484	ng		97
18) Hexachloroethane	7.33	117	249861	38.166	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	422737	40.353	ng		98
20) 3+4-Methylphenols	7.22	107	626007	39.102	ng		93
22) Acetophenone	7.22	105	819642	38.020	ng	#	99
24) Nitrobenzene	7.39	77	649550	39.058	ng		96
25) Isophorone	7.63	82	1185906	39.638	ng		99
26) 2-Nitrophenol	7.71	139	356581	40.238	ng		98
27) 2,4-Dimethylphenol	7.75	122	556811	46.255	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	735978	37.936	ng		97
29) 2,4-Dichlorophenol	7.95	162	568795	39.455	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	640978	38.039	ng		99
31) Naphthalene	8.12	128	1836486	40.468	ng		99
32) Benzoic acid	7.87	122	350903	35.208	ng		97
33) 4-Chloroaniline	8.16	127	270763	13.336	ng		98
34) Hexachlorobutadiene	8.24	225	380011	36.810	ng		99
35) Caprolactam	8.53	113	177289m	37.936	ng		
36) 4-Chloro-3-methylphenol	8.65	107	580107	39.985	ng		100
37) 2-Methylnaphthalene	8.81	142	1299886	41.300	ng		99
38) 1-Methylnaphthalene	8.90	142	1213437	40.983	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	629374	36.993	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	661868	99.213	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	442449	38.890	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	457232	39.333	ng		100
46) 1,1'-Biphenyl	9.27	154	1538794	39.462	ng		98
47) 2-Chloronaphthalene	9.30	162	1239938	38.249	ng		98
48) 2-Nitroaniline	9.39	65	341237	36.497	ng		93
49) Acenaphthylene	9.71	152	1912121	40.852	ng		99
50) Dimethylphthalate	9.57	163	1562581	40.710	ng		99
51) 2,6-Dinitrotoluene	9.63	165	350906	39.955	ng		97
52) Acenaphthene	9.88	154	1295690	42.009	ng		99
53) 3-Nitroaniline	9.79	138	166162	17.060	ng		92
54) 2,4-Dinitrophenol	9.90	184	307482	72.827	ng		99
55) Dibenzofuran	10.06	168	1728112	38.769	ng		98
56) 4-Nitrophenol	9.96	139	547939	77.730	ng		97
57) 2,4-Dinitrotoluene	10.03	165	461034	39.667	ng	#	90
58) Fluorene	10.40	166	1295838	38.643	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	399322	39.334	ng		99
60) Diethylphthalate	10.27	149	1434936	38.446	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	693580	38.138	ng		99
62) 4-Nitroaniline	10.41	138	310562	31.840	ng		99
63) Azobenzene	10.55	77	1263127	39.641	ng		96
65) 4,6-Dinitro-2-methylphenol	10.45	198	245312	42.475	ng		87
66) n-Nitrosodiphenylamine	10.50	169	1219293	40.954	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	475641	39.119	ng		98
68) Hexachlorobenzene	10.95	284	537285	38.526	ng	#	92
69) Atrazine	11.03	200	433441	43.699	ng		99
70) Pentachlorophenol	11.14	266	546493	74.215	ng		99
71) Phenanthrene	11.36	178	1961215	38.782	ng		99
72) Anthracene	11.41	178	2017313	40.099	ng		99
73) Carbazole	11.56	167	1750170	39.640	ng		99
74) Di-n-butylphthalate	11.89	149	2173016	38.636	ng		100
75) Fluoranthene	12.55	202	2056335	37.243	ng		99
77) Benzidine	12.66	184	858588	39.842	ng		99
78) Pyrene	12.77	202	2067259	42.294	ng		100
80) Butylbenzylphthalate	13.39	149	899429	40.316	ng		100
81) Benzo(a)anthracene	13.96	228	1677182	39.559	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	398645	22.989	ng		98
83) Chrysene	13.99	228	1695365	39.842	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1168098	41.269	ng		100
85) Di-n-octyl phthalate	14.56	149	1958166	40.383	ng		99
86) Indeno(1,2,3-cd)pyrene	16.84	276	1908370	44.637	ng		100
88) Benzo(b)fluoranthene	14.99	252	1670719	36.469	ng		99
89) Benzo(k)fluoranthene	15.02	252	1632743	40.928	ng		99
90) Benzo(a)pyrene	15.34	252	1502577	38.325	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	1590201	45.689	ng		99
92) Benzo(g,h,i)perylene	17.27	276	1622755	48.481	ng		99

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

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