Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119556.D
Acq On : 27 Mar 2020 9:09
Operator : CG/JU
Sample : L2037-01MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-C4-D4-C4A-D4AMS

Manual Integrations APPROVED
mohammad
3/30/2020 8:51:02 AM

Quant Time: Mar 27 10:34:43 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	298418	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1177640	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	640700	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1218050	20.00	ng		0.00
76) Chrysene-d12	14.02	240	817853	20.00	ng		0.00
87) Perylene-d12	15.47	264	743040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2245275	119.77	ng		0.02
7) Phenol-d6	6.47	99	2966408	123.88	ng		0.00
23) Nitrobenzene-d5	7.40	82	1874075	86.49	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	900948	136.30	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3516720	81.32	ng		0.00
79) Terphenyl-d14	12.96	244	3903182	93.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	324483	35.047	ng		98
3) Pyridine	3.39	79	907517	35.580	ng		96
4) n-Nitrosodimethylamine	3.34	42	521287	41.909	ng		99
6) Aniline	6.50	93	1189111	35.979	ng		98
8) 2-Chlorophenol	6.62	128	1009566	51.277	ng		98
9) Benzaldehyde	6.38	77	615815	40.538	ng		96
10) Phenol	6.48	94	1283792	50.243	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	967289	47.333	ng		98
12) 1,3-Dichlorobenzene	6.77	146	987781	46.355	ng		95
13) 1,4-Dichlorobenzene	6.85	146	1008593	47.320	ng		97
14) 1,2-Dichlorobenzene	7.01	146	944619	47.415	ng		98
15) Benzyl Alcohol	6.98	79	866000	48.076	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1810181	43.914	ng		99
17) 2-Methylphenol	7.09	107	828556	45.931	ng		99
18) Hexachloroethane	7.35	117	386039	49.422	ng		100
19) n-Nitroso-di-n-propylamine	7.26	70	718087	49.750	ng		100
20) 3+4-Methylphenols	7.25	107	992959	44.914	ng	#	84
22) Acetophenone	7.25	105	1323093	47.019	ng		97
24) Nitrobenzene	7.42	77	1053191	45.481	ng		100
25) Isophorone	7.66	82	2029390	46.169	ng		99
26) 2-Nitrophenol	7.74	139	549990	60.321	ng		89
27) 2,4-Dimethylphenol	7.77	122	891827	47.303	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	1261438	48.531	ng		100
29) 2,4-Dichlorophenol	7.98	162	847567	48.927	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	905755	47.279	ng		99
31) Naphthalene	8.15	128	2834837	46.777	ng		100
32) Benzoic acid	7.92	122	722645	59.587	ng		96
33) 4-Chloroaniline	8.19	127	519495	18.708	ng		99
34) Hexachlorobutadiene	8.26	225	524434	48.926	ng		98
35) Caprolactam	8.58	113	304002m	53.621	ng		
36) 4-Chloro-3-methylphenol	8.67	107	946515	49.992	ng		97
37) 2-Methylnaphthalene	8.84	142	1984436	49.894	ng		98
38) 1-Methylnaphthalene	8.94	142	1858896	49.379	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	845156	45.004	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1011848	94.775	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	674799	50.212	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	665836	44.228	ng		95
46) 1,1'-Biphenyl	9.30	154	2342444	44.890	ng		99
47) 2-Chloronaphthalene	9.33	162	1843106	45.092	ng		99
48) 2-Nitroaniline	9.42	65	679642	48.173	ng		99
49) Acenaphthylene	9.75	152	2874884	44.789	ng		99
50) Dimethylphthalate	9.61	163	2344831	51.524	ng		99
51) 2,6-Dinitrotoluene	9.67	165	498097	51.063	ng		95
52) Acenaphthene	9.92	154	2014431	50.341	ng		100
53) 3-Nitroaniline	9.83	138	329537	26.759	ng		96
54) 2,4-Dinitrophenol	9.94	184	478914	110.421	ng	#	84
55) Dibenzofuran	10.09	168	2581860	45.002	ng		99
56) 4-Nitrophenol	10.00	139	875837	90.153	ng		92
57) 2,4-Dinitrotoluene	10.07	165	655811	53.369	ng		98
58) Fluorene	10.43	166	1997708	47.087	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	574410	51.044	ng		99
60) Diethylphthalate	10.31	149	2270415	49.155	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	963579	46.444	ng		99
62) 4-Nitroaniline	10.46	138	549761	46.553	ng		99
63) Azobenzene	10.59	77	2140779	46.025	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	334555	65.501	ng		87
66) n-Nitrosodiphenylamine	10.55	169	1872081	46.818	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	647249	46.659	ng		98
68) Hexachlorobenzene	10.98	284	691997	48.740	ng		98
69) Atrazine	11.07	200	581035	53.003	ng		99
70) Pentachlorophenol	11.17	266	780529	93.758	ng		98
71) Phenanthrene	11.40	178	2832273	44.843	ng		99
72) Anthracene	11.45	178	2955446	46.041	ng		100
73) Carbazole	11.60	167	2753167	43.332	ng		100
74) Di-n-butylphthalate	11.93	149	3463807	50.963	ng		98
75) Fluoranthene	12.59	202	3107102	45.457	ng		99
77) Benzidine	12.70	184	1552893	44.866	ng		99
78) Pyrene	12.82	202	3082247	45.921	ng		99
80) Butylbenzylphthalate	13.43	149	1488764	54.840	ng		94
81) Benzo(a)anthracene	14.00	228	2398776	45.104	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	461008	21.984	ng		99
83) Chrysene	14.04	228	2492000	45.402	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1893501	58.511	ng	#	97
85) Di-n-octyl phthalate	14.61	149	3313462	58.218	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2268662	43.887	ng		99
88) Benzo(b)fluoranthene	15.05	252	2576637	51.912	ng		98
89) Benzo(k)fluoranthene	15.09	252	2076858	43.943	ng		99
90) Benzo(a)pyrene	15.42	252	2056740	45.596	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	1848956	46.864	ng		98
92) Benzo(g,h,i)perylene	17.39	276	1872622	47.245	ng		98

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

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