Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118759.D
Acq On : 30 Jan 2020 18:52
Operator : CG/JU
Sample : L1313-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-56MS

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:07 AM

Quant Time: Jan 30 22:45:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	263543	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1009355	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	586032	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1136038	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	830020	20.00	ng	-0.02
87) Perylene-d12	15.46	264	867422	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1410306	99.39	ng	-0.02
7) Phenol-d6	6.47	99	1783567	96.71	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1154914	64.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	701579	103.51	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2281308	63.98	ng	-0.02
79) Terphenyl-d14	12.95	244	2867563	75.35	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	229972	33.461	ng	100
3) Pyridine	3.39	79	577844	29.830	ng	99
4) n-Nitrosodimethylamine	3.32	42	254735	30.673	ng	97
6) Aniline	6.50	93	602541	24.811	ng	100
8) 2-Chlorophenol	6.62	128	682398	42.845	ng	100
9) Benzaldehyde	6.39	77	324581	28.938	ng	98
10) Phenol	6.48	94	824883	39.246	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	617078	39.571	ng	97
12) 1,3-Dichlorobenzene	6.78	146	747191	40.081	ng	98
13) 1,4-Dichlorobenzene	6.86	146	751755	40.172	ng	100
14) 1,2-Dichlorobenzene	7.01	146	701819	39.895	ng	99
15) Benzyl Alcohol	6.98	79	574054	39.249	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	724872	33.372	ng	99
17) 2-Methylphenol	7.09	107	549321	41.405	ng	99
18) Hexachloroethane	7.36	117	258308	38.067	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	442096	35.500	ng	98
20) 3+4-Methylphenols	7.25	107	659602	40.722	ng	91
22) Acetophenone	7.25	105	863624	36.119	ng	96
24) Nitrobenzene	7.42	77	673161	36.432	ng	95
25) Isophorone	7.66	82	1246147	37.861	ng	99
26) 2-Nitrophenol	7.74	139	368618	46.782	ng	96
27) 2,4-Dimethylphenol	7.77	122	585030	42.997	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	775585	36.571	ng	99
29) 2,4-Dichlorophenol	7.98	162	599030	39.826	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	671616	38.510	ng	99
31) Naphthalene	8.15	128	1911960	41.933	ng	100
32) Benzoic acid	7.89	122	407072	39.864	ng	97
33) 4-Chloroaniline	8.19	127	238353	11.310	ng	98
34) Hexachlorobutadiene	8.27	225	394398	37.135	ng	99
35) Caprolactam	8.55	113	198048m	40.235	ng	
36) 4-Chloro-3-methylphenol	8.67	107	617379	41.565	ng	99
37) 2-Methylnaphthalene	8.84	142	1364926	42.410	ng	99
38) 1-Methylnaphthalene	8.94	142	1271068	41.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	657671	35.867	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	708956	76.632	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	471873	38.780	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	499730	40.213	ng		98
46) 1,1'-Biphenyl	9.30	154	1620149	40.113	ng		99
47) 2-Chloronaphthalene	9.33	162	1294868	38.036	ng		98
48) 2-Nitroaniline	9.42	65	361368	34.532	ng		99
49) Acenaphthylene	9.75	152	2032968	42.449	ng		99
50) Dimethylphthalate	9.60	163	1739616	45.563	ng		100
51) 2,6-Dinitrotoluene	9.66	165	372378	43.554	ng		100
52) Acenaphthene	9.92	154	1378405	43.043	ng		100
53) 3-Nitroaniline	9.82	138	190410	19.504	ng		99
54) 2,4-Dinitrophenol	9.93	184	337176	98.784	ng	#	90
55) Dibenzofuran	10.09	168	1838305	41.423	ng		99
56) 4-Nitrophenol	9.99	139	608014	82.500	ng		97
57) 2,4-Dinitrotoluene	10.06	165	501551	46.534	ng		97
58) Fluorene	10.43	166	1405416	40.339	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	440007	40.256	ng		100
60) Diethylphthalate	10.30	149	1556526	42.047	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	746396	39.390	ng		97
62) 4-Nitroaniline	10.44	138	359149	35.864	ng		100
63) Azobenzene	10.58	77	1376948	38.407	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	266203	53.289	ng		100
66) n-Nitrosodiphenylamine	10.54	169	1329952	38.819	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	529372	37.717	ng		98
68) Hexachlorobenzene	10.98	284	587598	36.927	ng		99
69) Atrazine	11.06	200	503751	42.422	ng		99
70) Pentachlorophenol	11.17	266	626837	70.853	ng		99
71) Phenanthrene	11.39	178	2237999	40.834	ng		100
72) Anthracene	11.45	178	2244751	41.392	ng		99
73) Carbazole	11.59	167	1978668	39.778	ng		100
74) Di-n-butylphthalate	11.93	149	2464703	44.597	ng		100
75) Fluoranthene	12.58	202	2530453	43.775	ng		99
77) Benzidine	12.69	184	1241612	55.985	ng		99
78) Pyrene	12.81	202	2513519	44.605	ng		99
80) Butylbenzylphthalate	13.43	149	1102139	47.790	ng		99
81) Benzo(a)anthracene	14.00	228	2036098	40.779	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	421497	23.691	ng		97
83) Chrysene	14.03	228	2088676	43.648	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1524697	54.114	ng		99
85) Di-n-octyl phthalate	14.60	149	2500961	59.967	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2275647	54.730	ng		100
88) Benzo(b)fluoranthene	15.04	252	2229925	40.898	ng		100
89) Benzo(k)fluoranthene	15.07	252	1823405	36.097	ng		100
90) Benzo(a)pyrene	15.40	252	1836978	39.056	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	1867909	44.897	ng		99
92) Benzo(g,h,i)perylene	17.36	276	1939615	48.016	ng		98

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

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