Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119381.D
Acq On : 12 Mar 2020 14:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/16/2020 1:47:24 PM

Quant Time: Mar 12 16:37:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123090	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	415476	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	250765	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	411910	20.00	ng		0.00
76) Chrysene-d12	13.90	240	319008	20.00	ng		0.01
87) Perylene-d12	15.33	264	278022	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	563746	76.54	ng		0.00
7) Phenol-d6	6.38	99	749258	83.64	ng		0.00
23) Nitrobenzene-d5	7.29	82	721780	91.73	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	216735	66.07	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1199764	70.48	ng		0.00
79) Terphenyl-d14	12.83	244	1534979	82.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	123110	37.541	ng		99
3) Pyridine	3.09	79	328657	36.697	ng		96
4) n-Nitrosodimethylamine	3.05	42	113964	42.006	ng		95
6) Aniline	6.39	93	456537	41.304	ng	#	80
8) 2-Chlorophenol	6.52	128	335759	42.241	ng		99
9) Benzaldehyde	6.28	77	207451	34.663	ng		99
10) Phenol	6.39	94	395690	40.856	ng		78
11) bis(2-Chloroethyl)ether	6.46	93	298613	40.297	ng		96
12) 1,3-Dichlorobenzene	6.66	146	392518	41.200	ng		98
13) 1,4-Dichlorobenzene	6.74	146	399029	41.855	ng		98
14) 1,2-Dichlorobenzene	6.89	146	360158	41.423	ng		99
15) Benzyl Alcohol	6.88	79	282585	43.649	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	251411	39.165	ng	#	20
17) 2-Methylphenol	7.00	107	265021	41.124	ng	#	91
18) Hexachloroethane	7.23	117	141094	41.367	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	230187	44.100	ng		96
20) 3+4-Methylphenols	7.16	107	361186	45.747	ng		91
22) Acetophenone	7.14	105	451832	47.002	ng	#	94
24) Nitrobenzene	7.31	77	361031	46.396	ng		94
25) Isophorone	7.55	82	593692	43.443	ng		99
26) 2-Nitrophenol	7.63	139	181337	43.982	ng		94
27) 2,4-Dimethylphenol	7.67	122	239649	42.828	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	340542	38.284	ng		98
29) 2,4-Dichlorophenol	7.89	162	259566	39.403	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	296272	37.933	ng		98
31) Naphthalene	8.03	128	849464	39.423	ng		98
32) Benzoic acid	7.85	122	129660	34.017	ng		95
33) 4-Chloroaniline	8.09	127	371049	40.037	ng		100
34) Hexachlorobutadiene	8.14	225	187178	38.474	ng		98
35) Caprolactam	8.47	113	78746m	38.822	ng		
36) 4-Chloro-3-methylphenol	8.59	107	273677	41.051	ng		99
37) 2-Methylnaphthalene	8.72	142	564107	38.902	ng		98
38) 1-Methylnaphthalene	8.82	142	534961	39.228	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	293602	34.726	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	71427	29.878	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	173022	32.406	ng		98
44) 2,4,5-Trichlorophenol	9.07	196	164023	29.276	ng		98
46) 1,1'-Biphenyl	9.18	154	725675	35.806	ng		98
47) 2-Chloronaphthalene	9.21	162	580583	35.549	ng		98
48) 2-Nitroaniline	9.32	65	178114	39.100	ng		92
49) Acenaphthylene	9.62	152	818515	34.700	ng		99
50) Dimethylphthalate	9.49	163	656858	34.255	ng		99
51) 2,6-Dinitrotoluene	9.56	165	148400	34.834	ng	#	79
52) Acenaphthene	9.79	154	560938	39.438	ng		98
53) 3-Nitroaniline	9.73	138	174252	36.894	ng		94
54) 2,4-Dinitrophenol	9.87	184	57480	32.642	ng	#	90
55) Dibenzofuran	9.97	168	809868	38.148	ng		98
56) 4-Nitrophenol	9.93	139	74900	26.395	ng		93
57) 2,4-Dinitrotoluene	9.97	165	215326	38.994	ng		91
58) Fluorene	10.31	166	608832	36.906	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	170665	36.101	ng		99
60) Diethylphthalate	10.19	149	691734	38.279	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	312902	35.834	ng		97
62) 4-Nitroaniline	10.36	138	161180	33.356	ng		96
63) Azobenzene	10.46	77	579709	36.907	ng		93
65) 4,6-Dinitro-2-methylphenol	10.39	198	94730	38.006	ng		98
66) n-Nitrosodiphenylamine	10.42	169	528901	39.214	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	202398	37.591	ng		99
68) Hexachlorobenzene	10.86	284	239094	38.516	ng		94
69) Atrazine	10.95	200	157955	33.519	ng		98
70) Pentachlorophenol	11.07	266	76371	30.541	ng		97
71) Phenanthrene	11.27	178	903726	40.231	ng		98
72) Anthracene	11.33	178	904602	40.303	ng		97
73) Carbazole	11.49	167	825398	41.279	ng		98
74) Di-n-butylphthalate	11.80	149	936931	38.692	ng		99
75) Fluoranthene	12.46	202	1055477	44.265	ng		99
77) Benzidine	12.59	184	416895	32.134	ng		99
78) Pyrene	12.69	202	1069699	41.759	ng		98
80) Butylbenzylphthalate	13.30	149	419780	38.937	ng		94
81) Benzo(a)anthracene	13.89	228	881616	40.560	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	332097	39.347	ng		99
83) Chrysene	13.92	228	866241	39.996	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	512577	37.633	ng	#	97
85) Di-n-octyl phthalate	14.47	149	732055	33.733	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	620547	29.591	ng		99
88) Benzo(b)fluoranthene	14.92	252	723695	39.491	ng		99
89) Benzo(k)fluoranthene	14.95	252	747168	43.996	ng		99
90) Benzo(a)pyrene	15.27	252	661142	39.974	ng		98
91) Dibenzo(a,h)anthracene	16.75	278	502215	34.510	ng		99
92) Benzo(g,h,i)perylene	17.18	276	491398	34.175	ng		98

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

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