Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118496.D
Acq On : 8 Jan 2020 12:17
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:29 PM

Quant Time: Jan 08 15:30:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 14:21:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	78809	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	315622	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	183139	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	349870	20.00	ng		0.00
76) Chrysene-d12	14.03	240	254184	20.00	ng		0.00
87) Perylene-d12	15.52	264	186910	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	193867	44.16	ng		0.00
7) Phenol-d6	6.47	99	245874	43.88	ng		0.00
23) Nitrobenzene-d5	7.40	82	251067	43.09	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	88747	39.79	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	538886	43.44	ng		0.00
79) Terphenyl-d14	12.96	244	651251	39.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	33560	22.605	ng		100
3) Pyridine	3.30	79	93304	22.861	ng		98
4) n-Nitrosodimethylamine	3.25	42	44067	22.341	ng		90
6) Aniline	6.49	93	152800	22.070	ng		95
8) 2-Chlorophenol	6.62	128	114424	22.360	ng		96
9) Benzaldehyde	6.39	77	72670	23.541	ng		99
10) Phenol	6.48	94	132775	21.258	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	96935	22.414	ng		98
12) 1,3-Dichlorobenzene	6.77	146	133232	22.035	ng		96
13) 1,4-Dichlorobenzene	6.85	146	134722	21.971	ng		98
14) 1,2-Dichlorobenzene	7.00	146	131607	22.870	ng		99
15) Benzyl Alcohol	6.97	79	99232	22.094	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	102597	21.243	ng		93
17) 2-Methylphenol	7.09	107	91206	21.980	ng		100
18) Hexachloroethane	7.34	117	51081	22.659	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	77307	22.171	ng		98
20) 3+4-Methylphenols	7.25	107	121088	22.266	ng	#	83
22) Acetophenone	7.25	105	172412	21.301	ng	#	99
24) Nitrobenzene	7.42	77	124742	21.648	ng		97
25) Isophorone	7.66	82	211596	21.301	ng		99
26) 2-Nitrophenol	7.74	139	60952	19.792	ng		97
27) 2,4-Dimethylphenol	7.77	122	84767	21.023	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	134302	21.370	ng		97
29) 2,4-Dichlorophenol	7.99	162	94827	19.944	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	109072	19.386	ng		99
31) Naphthalene	8.14	128	344945	20.782	ng		100
32) Benzoic acid	7.89	122	41203m	14.664	ng		
33) 4-Chloroaniline	8.19	127	144523	20.764	ng		98
34) Hexachlorobutadiene	8.26	225	68939	20.539	ng		99
35) Caprolactam	8.56	113	32495	21.650	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	118364	23.657	ng		97
37) 2-Methylnaphthalene	8.83	142	262716	23.153	ng		98
38) 1-Methylnaphthalene	8.93	142	236843	21.809	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	113947	20.567	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	9293	9.266 ng	94
43) 2,4,6-Trichlorophenol	9.12	196	72241	20.416 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	70217	19.494 ng	96
46) 1,1'-Biphenyl	9.30	154	311013	21.215 ng	99
47) 2-Chloronaphthalene	9.33	162	250166	21.292 ng	97
48) 2-Nitroaniline	9.43	65	70624	20.804 ng	96
49) Acenaphthylene	9.75	152	378574	21.672 ng	100
50) Dimethylphthalate	9.60	163	297208	21.081 ng	100
51) 2,6-Dinitrotoluene	9.67	165	64379	22.282 ng	89
52) Acenaphthene	9.92	154	236142	21.469 ng	99
53) 3-Nitroaniline	9.84	138	74192	20.980 ng	88
54) 2,4-Dinitrophenol	9.97	184	22628	18.517 ng	94
55) Dibenzofuran	10.09	168	324901	20.863 ng	98
56) 4-Nitrophenol	10.02	139	32910	19.351 ng	96
57) 2,4-Dinitrotoluene	10.08	165	80200	20.175 ng	98
58) Fluorene	10.43	166	283069	22.167 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	60540	20.259 ng	98
60) Diethylphthalate	10.30	149	287751	20.756 ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	138189	21.652 ng	95
62) 4-Nitroaniline	10.46	138	76538	21.146 ng	97
63) Azobenzene	10.58	77	258008	21.640 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	32465	16.214 ng	97
66) n-Nitrosodiphenylamine	10.54	169	232295	19.390 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	84650	19.083 ng	93
68) Hexachlorobenzene	10.99	284	102684	19.456 ng	98
69) Atrazine	11.07	200	76206	20.685 ng	99
70) Pentachlorophenol	11.19	266	25894	15.789 ng	95
71) Phenanthrene	11.40	178	415187	21.504 ng	99
72) Anthracene	11.45	178	413625	21.164 ng	99
73) Carbazole	11.61	167	344512	19.225 ng	99
74) Di-n-butylphthalate	11.93	149	459245	19.541 ng	98
75) Fluoranthene	12.60	202	413650	20.334 ng	97
77) Benzidine	12.72	184	127719	17.777 ng	99
78) Pyrene	12.83	202	422874	19.263 ng	100
80) Butylbenzylphthalate	13.44	149	180282	18.640 ng	94
81) Benzo(a)anthracene	14.02	228	367014	20.294 ng	98
82) 3,3'-Dichlorobenzidine	13.98	252	124806	21.753 ng	99
83) Chrysene	14.06	228	347246	20.029 ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	257941	21.315 ng	99
85) Di-n-octyl phthalate	14.61	149	395135	21.219 ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	250377	20.214 ng	99
88) Benzo(b)fluoranthene	15.08	252	313269	24.095 ng	98
89) Benzo(k)fluoranthene	15.11	252	316948	24.770 ng	99
90) Benzo(a)pyrene	15.45	252	218153	18.403 ng	98
91) Dibenzo(a,h)anthracene	17.02	278	207646	22.463 ng	98
92) Benzo(g,h,i)perylene	17.46	276	164024	17.105 ng	98

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

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