Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
Data File : BF121448.D
Acq On : 27 Aug 2020 21:13
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
8/28/2020 1:33:34 PM

Quant Time: Aug 28 05:04:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 03:08:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	352212	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1239795	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	641610	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1195320	20.00	ng	0.00
76) Chrysene-d12	14.03	240	884904	20.00	ng	0.00
86) Perylene-d12	15.49	264	832760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2908528	135.34	ng	0.00
7) Phenol-d6	6.50	99	4071983	136.96	ng	0.01
23) Nitrobenzene-d5	7.44	82	3307769	168.11	ng	0.01
42) 2,4,6-Tribromophenol	10.70	330	1158244	161.21	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.98	244	5645067	134.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	732534	73.641	ng	99
3) Pyridine	3.41	79	1997405	72.420	ng	99
4) n-Nitrosodimethylamine	3.39	42	909218	75.740	ng	89
6) Aniline	6.58	93	2388592m	70.810	ng	
8) 2-Chlorophenol	6.66	128	1514450	67.644	ng	99
9) Benzaldehyde	6.41	77	714669	47.443	ng	99
10) Phenol	6.52	94	2008578	69.215	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	1725725	68.927	ng	95
12) 1,3-Dichlorobenzene	6.81	146	1707871	66.458	ng	99
13) 1,4-Dichlorobenzene	6.89	146	1691364	65.713	ng	98
14) 1,2-Dichlorobenzene	7.04	146	1524575	63.683	ng	99
15) Benzyl Alcohol	7.02	79	1337340	67.060	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	2375965	67.340	ng	97
17) 2-Methylphenol	7.12	107	1382442	73.522	ng	99
18) Hexachloroethane	7.38	117	645997	69.189	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	1181685	69.627	ng	98
20) 3+4-Methylphenols	7.28	107	1507570	65.768	ng	93
22) Acetophenone	7.29	105	2122892	69.305	ng	95
24) Nitrobenzene	7.46	77	1682927	80.100	ng	96
25) Isophorone	7.70	82	3176195	76.024	ng	100
26) 2-Nitrophenol	7.77	139	770022	105.163	ng	99
27) 2,4-Dimethylphenol	7.80	122	1330908	77.197	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	2043057	72.261	ng	98
29) 2,4-Dichlorophenol	8.01	162	1358528	77.094	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	1456934	71.302	ng	100
31) Naphthalene	8.17	128	4200107	67.831	ng	97
32) Benzoic acid	7.97	122	1121376	115.583	ng	98
33) 4-Chloroaniline	8.25	127	2005154m	73.990	ng	
34) Hexachlorobutadiene	8.29	225	857857	70.341	ng	99
35) Caprolactam	8.63	113	487620m	80.596	ng	
36) 4-Chloro-3-methylphenol	8.70	107	1412043	77.235	ng	97
37) 2-Methylnaphthalene	8.86	142	2842739	68.749	ng	98
38) 1-Methylnaphthalene	8.96	142	2686906	68.714	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	1314631	70.065	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	703586	77.498	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	1050832	82.682	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	956772	75.648	ng		100
46) 1,1'-Biphenyl	9.33	154	3175839	66.135	ng		96
47) 2-Chloronaphthalene	9.36	162	2709042	68.973	ng		97
48) 2-Nitroaniline	9.45	65	971871	96.350	ng		96
49) Acenaphthylene	9.77	152	4024685	66.979	ng		97
50) Dimethylphthalate	9.64	163	3280167	72.035	ng		99
51) 2,6-Dinitrotoluene	9.70	165	712844	88.273	ng		96
52) Acenaphthene	9.95	154	2644422	69.656	ng		99
53) 3-Nitroaniline	9.87	138	887641	87.054	ng	#	96
54) 2,4-Dinitrophenol	9.96	184	304569	118.052	ng		93
55) Dibenzofuran	10.12	168	3683743	67.384	ng		95
56) 4-Nitrophenol	10.02	139	694990	93.017	ng		98
57) 2,4-Dinitrotoluene	10.10	165	891682	91.583	ng		97
58) Fluorene	10.46	166	2683025	64.491	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	830869	76.433	ng		100
60) Diethylphthalate	10.33	149	3191894	68.437	ng		98
61) 4-Chlorophenyl-phenylether	10.45	204	1361782	65.223	ng		99
62) 4-Nitroaniline	10.49	138	910040	88.041	ng		95
63) Azobenzene	10.61	77	2982790	66.132	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	394351	112.760	ng		86
66) n-Nitrosodiphenylamine	10.57	169	2650132	70.256	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	949998	72.124	ng		98
68) Hexachlorobenzene	11.00	284	1119194	72.664	ng		99
69) Atrazine	11.10	200	780804	67.047	ng		99
70) Pentachlorophenol	11.19	266	664891	86.436	ng		98
71) Phenanthrene	11.42	178	4057977	66.433	ng		97
72) Anthracene	11.47	178	3900684	64.674	ng		98
73) Carbazole	11.62	167	3968524	67.986	ng		97
74) Di-n-butylphthalate	11.96	149	4342794	62.772	ng		99
75) Fluoranthene	12.60	202	4397817	65.707	ng		98
77) Benzidine	12.72	184	1341255	67.467	ng		99
78) Pyrene	12.83	202	4443770	71.050	ng		97
80) Butylbenzylphthalate	13.45	149	2029091	77.947	ng		92
81) Benzo(a)anthracene	14.02	228	3763283	69.712	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	1377749	68.987	ng		99
83) Chrysene	14.06	228	3747649	69.977	ng		96
84) Bis(2-ethylhexyl)phthalate	14.02	149	2206605	64.061	ng	#	98
85) Di-n-octyl phthalate	14.63	149	4169691	69.562	ng		100
87) Indeno(1,2,3-cd)pyrene	16.97	276	3809976	72.966	ng		99
88) Benzo(b)fluoranthene	15.07	252	4053646	74.663	ng		99
89) Benzo(k)fluoranthene	15.11	252	3150479	63.917	ng		98
90) Benzo(a)pyrene	15.44	252	3595237	74.788	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	3014240	70.329	ng		98
92) Benzo(g,h,i)perylene	17.42	276	3007268	72.996	ng		97

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

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