Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
Data File : BF121447.D
Acq On : 27 Aug 2020 20:42
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
8/28/2020 1:33:31 PM

Quant Time: Aug 28 03:26:50 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	349384	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1226347	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	622558	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1146100	20.00	ng	0.00
76) Chrysene-d12	14.03	240	847215	20.00	ng	0.00
86) Perylene-d12	15.49	264	770657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2284764	107.17	ng	0.00
7) Phenol-d6	6.50	99	3179153	107.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	2478152	127.33	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	839284	120.39	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3972539	100.50	ng	0.00
79) Terphenyl-d14	12.98	244	4296945	106.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	558688	56.619	ng	99
3) Pyridine	3.40	79	1534895	56.101	ng	99
4) n-Nitrosodimethylamine	3.37	42	690317	57.970	ng	95
6) Aniline	6.52	93	1967541m	58.800	ng	
8) 2-Chlorophenol	6.65	128	1215103	54.713	ng	99
9) Benzaldehyde	6.41	77	725794	48.572	ng	100
10) Phenol	6.51	94	1612684	56.023	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	1274709	51.325	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1364222	53.515	ng	98
13) 1,4-Dichlorobenzene	6.88	146	1381755	54.118	ng	99
14) 1,2-Dichlorobenzene	7.04	146	1227577	51.692	ng	99
15) Benzyl Alcohol	7.01	79	1067835	53.979	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1871732	53.478	ng	99
17) 2-Methylphenol	7.12	107	1040699	55.795	ng	98
18) Hexachloroethane	7.38	117	509307	54.990	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	897754	53.326	ng	97
20) 3+4-Methylphenols	7.27	107	1181539	51.962	ng	95
22) Acetophenone	7.28	105	1629657	53.786	ng	98
24) Nitrobenzene	7.45	77	1279064	61.545	ng	98
25) Isophorone	7.69	82	2331589	56.420	ng	100
26) 2-Nitrophenol	7.76	139	534489	73.797	ng	95
27) 2,4-Dimethylphenol	7.80	122	1000937	58.694	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	1561949	55.851	ng	100
29) 2,4-Dichlorophenol	8.00	162	1030990	59.148	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	1129786	55.898	ng	99
31) Naphthalene	8.17	128	3257029	53.178	ng	99
32) Benzoic acid	7.95	122	733186	76.400	ng	95
33) 4-Chloroaniline	8.22	127	1593838	59.458	ng	99
34) Hexachlorobutadiene	8.29	225	665979	55.207	ng	99
35) Caprolactam	8.62	113	349970m	58.479	ng	
36) 4-Chloro-3-methylphenol	8.70	107	1033155	57.130	ng	99
37) 2-Methylnaphthalene	8.86	142	2153341	52.648	ng	99
38) 1-Methylnaphthalene	8.96	142	2062231	53.317	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	1007470	55.338	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	523265	59.400	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	745266	60.434	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	745256	60.727	ng		99
46) 1,1'-Biphenyl	9.33	154	2492174	53.486	ng		98
47) 2-Chloronaphthalene	9.35	162	2099423	55.088	ng		97
48) 2-Nitroaniline	9.45	65	692269	70.731	ng		98
49) Acenaphthylene	9.77	152	3142219	53.893	ng		98
50) Dimethylphthalate	9.63	163	2385475	53.990	ng		99
51) 2,6-Dinitrotoluene	9.69	165	511770	65.313	ng		94
52) Acenaphthene	9.94	154	2025654	54.990	ng		99
53) 3-Nitroaniline	9.86	138	654568	66.160	ng		99
54) 2,4-Dinitrophenol	9.96	184	177862	71.050	ng		94
55) Dibenzofuran	10.11	168	2886640	54.419	ng		97
56) 4-Nitrophenol	10.01	139	482339	66.532	ng		95
57) 2,4-Dinitrotoluene	10.09	165	630996	66.792	ng		98
58) Fluorene	10.46	166	2069941	51.277	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	633294	60.041	ng		100
60) Diethylphthalate	10.33	149	2389926	52.810	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	1049431	51.801	ng		98
62) 4-Nitroaniline	10.48	138	655681	65.374	ng		98
63) Azobenzene	10.60	77	2355211	53.816	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	240055	71.588	ng		95
66) n-Nitrosodiphenylamine	10.57	169	2014618	55.702	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	707706	56.037	ng		94
68) Hexachlorobenzene	11.00	284	831317	56.291	ng		96
69) Atrazine	11.09	200	598010	53.556	ng		100
70) Pentachlorophenol	11.19	266	475041	64.408	ng		99
71) Phenanthrene	11.42	178	3099839	52.927	ng		98
72) Anthracene	11.47	178	3064479	52.992	ng		99
73) Carbazole	11.62	167	3002430	53.645	ng		99
74) Di-n-butylphthalate	11.95	149	3436387	51.804	ng		99
75) Fluoranthene	12.60	202	3308714	51.558	ng		99
77) Benzidine	12.72	184	1057944	55.583	ng		100
78) Pyrene	12.83	202	3410859	56.961	ng		99
80) Butylbenzylphthalate	13.45	149	1509078	60.550	ng		95
81) Benzo(a)anthracene	14.02	228	2797018	54.117	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	1047350	54.776	ng	#	99
83) Chrysene	14.06	228	2864892	55.873	ng		98
84) Bis(2-ethylhexyl)phthalate	14.01	149	1782236	54.043	ng		100
85) Di-n-octyl phthalate	14.63	149	3208314	55.904	ng		100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2620617	54.233	ng		100
88) Benzo(b)fluoranthene	15.07	252	2903802	57.794	ng		99
89) Benzo(k)fluoranthene	15.10	252	2740898	60.089	ng		98
90) Benzo(a)pyrene	15.43	252	2620362	58.901	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	2123163	53.530	ng		100
92) Benzo(g,h,i)perylene	17.41	276	2057582	53.969	ng		100

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

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