Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120968.D
Acq On : 22 Jul 2020 17:04
Operator : JU/CG
Sample : L3184-17MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-072020MSD

Manual Integrations APPROVED
Sohil
7/24/2020 12:10:44 PM

Quant Time: Jul 22 17:44:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	160390	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	627555	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	332806	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	639856	20.00	ng		0.00
76) Chrysene-d12	13.97	240	492498	20.00	ng		0.00
86) Perylene-d12	15.42	264	487082	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	994213	101.62	ng		0.02
7) Phenol-d6	6.45	99	1126286	89.12	ng		0.00
23) Nitrobenzene-d5	7.38	82	851557	78.52	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	412214	113.16	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1497801	67.19	ng		0.00
79) Terphenyl-d14	12.92	244	1656246	73.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	169290	37.597	ng	#	84
3) Pyridine	3.40	79	324481	27.089	ng		100
4) n-Nitrosodimethylamine	3.33	42	204027	39.833	ng		94
6) Aniline	6.47	93	301347	18.267	ng		96
8) 2-Chlorophenol	6.60	128	470111	43.617	ng		99
9) Benzaldehyde	6.36	77	222826	35.245	ng		99
10) Phenol	6.46	94	476480	34.274	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	465639	43.704	ng		99
12) 1,3-Dichlorobenzene	6.76	146	427224	36.555	ng		98
13) 1,4-Dichlorobenzene	6.83	146	433764	37.325	ng		99
14) 1,2-Dichlorobenzene	6.99	146	417342	37.960	ng		99
15) Benzyl Alcohol	6.96	79	389459	43.576	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	620471	40.403	ng		99
17) 2-Methylphenol	7.07	107	376711	39.434	ng		99
18) Hexachloroethane	7.33	117	157098	37.349	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	299722	41.707	ng		99
20) 3+4-Methylphenols	7.22	107	413573	34.033	ng	#	83
22) Acetophenone	7.23	105	601722	42.723	ng		96
24) Nitrobenzene	7.40	77	479791	41.045	ng		98
25) Isophorone	7.64	82	908394	41.967	ng		99
26) 2-Nitrophenol	7.72	139	253022	45.576	ng		98
27) 2,4-Dimethylphenol	7.75	122	417754	46.347	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	569727	43.120	ng		100
29) 2,4-Dichlorophenol	7.96	162	400358	43.467	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	389125	38.079	ng		99
31) Naphthalene	8.12	128	1262621	39.223	ng		99
32) Benzoic acid	7.87	122	251362	37.149	ng		98
33) 4-Chloroaniline	8.17	127	218007	15.182	ng		98
34) Hexachlorobutadiene	8.24	225	213001	35.358	ng		99
35) Caprolactam	8.55	113	95742m	32.414	ng		
36) 4-Chloro-3-methylphenol	8.65	107	419057	44.361	ng		100
37) 2-Methylnaphthalene	8.81	142	882860	42.239	ng		99
38) 1-Methylnaphthalene	8.91	142	827285	41.791	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	399573	41.208	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	386023	72.032 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	301277	44.129 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	319650	41.275 ng	97
46) 1,1'-Biphenyl	9.27	154	1084315	42.712 ng	99
47) 2-Chloronaphthalene	9.30	162	830245	40.113 ng	99
48) 2-Nitroaniline	9.40	65	270761	43.287 ng	91
49) Acenaphthylene	9.72	152	1349805	41.979 ng	100
50) Dimethylphthalate	9.58	163	1269130	52.859 ng	99
51) 2,6-Dinitrotoluene	9.64	165	236458	45.840 ng	88
52) Acenaphthene	9.89	154	873581	42.733 ng	99
53) 3-Nitroaniline	9.80	138	135350	20.921 ng	98
54) 2,4-Dinitrophenol	9.91	184	133816	48.053 ng	89
55) Dibenzofuran	10.06	168	1218026	41.202 ng	99
56) 4-Nitrophenol	9.97	139	358595	72.969 ng	94
57) 2,4-Dinitrotoluene	10.04	165	313701	46.310 ng	91
58) Fluorene	10.40	166	877058	39.779 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	273394	46.366 ng	98
60) Diethylphthalate	10.27	149	1043615	42.973 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	433558	36.867 ng	98
62) 4-Nitroaniline	10.42	138	243252	38.600 ng	98
63) Azobenzene	10.55	77	958197	41.444 ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	123004	34.399 ng	88
66) n-Nitrosodiphenylamine	10.51	169	866449	43.046 ng	100
67) 4-Bromophenyl-phenylether	10.88	248	295008	41.353 ng	97
68) Hexachlorobenzene	10.95	284	333694	43.241 ng	96
69) Atrazine	11.04	200	252326	50.617 ng	97
70) Pentachlorophenol	11.15	266	377375	85.361 ng	99
71) Phenanthrene	11.36	178	1366431	41.523 ng	100
72) Anthracene	11.42	178	1420019	42.973 ng	99
73) Carbazole	11.57	167	1343676	40.974 ng	100
74) Di-n-butylphthalate	11.90	149	1662951	43.943 ng	99
75) Fluoranthene	12.55	202	1550888	42.518 ng	98
77) Benzidine	12.67	184	402448	31.080 ng	99
78) Pyrene	12.77	202	1590648	45.682 ng	99
80) Butylbenzylphthalate	13.40	149	743166	47.878 ng	99
81) Benzo(a)anthracene	13.96	228	1242439	41.660 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	369236	32.817 ng	99
83) Chrysene	14.00	228	1353742	43.194 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	898852	46.960 ng	99
85) Di-n-octyl phthalate	14.57	149	1777869	46.687 ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1339072	39.530 ng	100
88) Benzo(b)fluoranthene	15.00	252	1365144	46.367 ng	100
89) Benzo(k)fluoranthene	15.03	252	1288239	47.977 ng	99
90) Benzo(a)pyrene	15.36	252	1182954	44.038 ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1128497	40.783 ng	98
92) Benzo(g,h,i)perylene	17.28	276	1095914	40.168 ng	100

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

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