Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120892.D
Acq On : 16 Jul 2020 18:27
Operator : JU/CG
Sample : L3187-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MS

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:14 PM

Quant Time: Jul 16 19:01:55 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	167209	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	652645	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	348976	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	691870	20.00	ng		0.00
76) Chrysene-d12	13.97	240	551611	20.00	ng		0.00
86) Perylene-d12	15.42	264	567048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1100363	107.88	ng		0.02
7) Phenol-d6	6.45	99	1274384	96.72	ng		0.00
23) Nitrobenzene-d5	7.38	82	916062	81.22	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	453447	118.71	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1577660	67.50	ng		0.00
79) Terphenyl-d14	12.93	244	1790485	70.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	193057	41.127	ng	#	85
3) Pyridine	3.39	79	439169	35.169	ng		97
4) n-Nitrosodimethylamine	3.32	42	251320	47.066	ng		98
6) Aniline	6.48	93	366460	21.308	ng		99
8) 2-Chlorophenol	6.60	128	556879	49.561	ng		97
9) Benzaldehyde	6.36	77	97991	11.974	ng		98
10) Phenol	6.46	94	585336	40.387	ng		100
11) bis(2-Chloroethyl)ether	6.56	93	529246	47.648	ng		98
12) 1,3-Dichlorobenzene	6.76	146	533679	43.801	ng		100
13) 1,4-Dichlorobenzene	6.83	146	538418	44.441	ng		100
14) 1,2-Dichlorobenzene	6.99	146	522936	45.625	ng		99
15) Benzyl Alcohol	6.96	79	441829	47.419	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	734665	45.888	ng		99
17) 2-Methylphenol	7.07	107	434454	43.624	ng		100
18) Hexachloroethane	7.33	117	200827	45.798	ng		92
19) n-Nitroso-di-n-propylamine	7.23	70	349753	46.684	ng		98
20) 3+4-Methylphenols	7.22	107	475331	37.520	ng		95
22) Acetophenone	7.23	105	652755	44.565	ng	#	96
24) Nitrobenzene	7.40	77	558594	45.950	ng		99
25) Isophorone	7.64	82	1051225	46.699	ng		98
26) 2-Nitrophenol	7.72	139	288100	49.900	ng		99
27) 2,4-Dimethylphenol	7.75	122	469050	50.037	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	657837	47.874	ng		98
29) 2,4-Dichlorophenol	7.96	162	460293	48.053	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	481970	45.351	ng		99
31) Naphthalene	8.12	128	1505659	44.975	ng		99
32) Benzoic acid	7.88	122	349791	49.709	ng		94
33) 4-Chloroaniline	8.17	127	181076	12.125	ng		97
34) Hexachlorobutadiene	8.24	225	267951	42.770	ng		99
35) Caprolactam	8.54	113	126941m	41.325	ng		
36) 4-Chloro-3-methylphenol	8.65	107	488543	49.729	ng		99
37) 2-Methylnaphthalene	8.82	142	1039571	47.825	ng		99
38) 1-Methylnaphthalene	8.91	142	988199	48.001	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	438039	43.082	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	485194	86.342	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	347868	48.592	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	381106	46.931	ng		99
46) 1,1'-Biphenyl	9.28	154	1218953	45.791	ng		99
47) 2-Chloronaphthalene	9.30	162	971753	44.774	ng		98
48) 2-Nitroaniline	9.40	65	319103	48.652	ng		93
49) Acenaphthylene	9.72	152	1571772	46.617	ng		99
50) Dimethylphthalate	9.58	163	1220779	48.489	ng		98
51) 2,6-Dinitrotoluene	9.64	165	276942	51.201	ng		95
52) Acenaphthene	9.89	154	1105476m	51.571	ng		
53) 3-Nitroaniline	9.80	138	150392	22.169	ng		98
54) 2,4-Dinitrophenol	9.92	184	296980	94.074	ng	#	80
55) Dibenzofuran	10.06	168	1423623	45.925	ng		99
56) 4-Nitrophenol	9.97	139	472022	91.599	ng		99
57) 2,4-Dinitrotoluene	10.05	165	375128	52.812	ng		98
58) Fluorene	10.40	166	998359	43.183	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	326406	52.792	ng		98
60) Diethylphthalate	10.28	149	1228231	48.231	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	485429	39.365	ng		96
62) 4-Nitroaniline	10.42	138	288183	43.611	ng		99
63) Azobenzene	10.56	77	1136543	46.881	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	201983	50.246	ng		98
66) n-Nitrosodiphenylamine	10.52	169	1025444	47.115	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	347100	44.997	ng		93
68) Hexachlorobenzene	10.95	284	393162	47.117	ng		92
69) Atrazine	11.04	200	308853	57.299	ng		97
70) Pentachlorophenol	11.14	266	454665	95.112	ng		100
71) Phenanthrene	11.36	178	1610600	45.263	ng		99
72) Anthracene	11.42	178	1657178	46.380	ng		99
73) Carbazole	11.57	167	1603529	45.222	ng		99
74) Di-n-butylphthalate	11.90	149	1936996	47.336	ng		100
75) Fluoranthene	12.55	202	1820035	46.146	ng		98
77) Benzidine	12.67	184	153846	10.608	ng		99
78) Pyrene	12.78	202	1837857	47.126	ng		99
80) Butylbenzylphthalate	13.40	149	867020	49.871	ng		99
81) Benzo(a)anthracene	13.97	228	1443450	43.213	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	401312	31.845	ng		99
83) Chrysene	14.00	228	1665498	47.446	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	934975	43.613	ng		100
85) Di-n-octyl phthalate	14.57	149	2042264	47.883	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1754121	44.480	ng		100
88) Benzo(b)fluoranthene	15.00	252	1830257	53.398	ng		99
89) Benzo(k)fluoranthene	15.04	252	1528871	48.909	ng		99
90) Benzo(a)pyrene	15.36	252	1529234	48.901	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	1466368	45.520	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1400652	44.098	ng		99

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

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