Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121054.D
Acq On : 28 Jul 2020 2:22
Operator : JU/CG
Sample : L3382-03MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-007MS

Quant Time: Jul 28 03:06:34 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	164928	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	645660	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	345122	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	653921	20.00	ng		0.00
76) Chrysene-d12	13.97	240	474761	20.00	ng		0.00
86) Perylene-d12	15.42	264	434925	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1100569	109.39	ng		0.02
7) Phenol-d6	6.45	99	1274410	98.06	ng		0.00
23) Nitrobenzene-d5	7.38	82	954606	85.55	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	483602	128.01	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1626173	70.35	ng		0.00
79) Terphenyl-d14	12.92	244	1829476	83.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	185179	39.994	ng	#	84
3) Pyridine	3.42	79	361121	29.319	ng		99
4) n-Nitrosodimethylamine	3.35	42	216556	41.116	ng		94
6) Aniline	6.48	93	471614	27.801	ng		99
8) 2-Chlorophenol	6.60	128	500696	45.177	ng		96
9) Benzaldehyde	6.36	77	193313	28.304	ng		96
10) Phenol	6.46	94	509978	35.674	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	483355	44.118	ng		99
12) 1,3-Dichlorobenzene	6.76	146	482977	40.188	ng		99
13) 1,4-Dichlorobenzene	6.83	146	490637	41.057	ng		99
14) 1,2-Dichlorobenzene	6.99	146	478361	42.313	ng		99
15) Benzyl Alcohol	6.96	79	403412	43.895	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	659972	41.793	ng		97
17) 2-Methylphenol	7.07	107	395752	40.288	ng		98
18) Hexachloroethane	7.33	117	180378	41.704	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	315673	42.718	ng		99
20) 3+4-Methylphenols	7.23	107	423653	33.903	ng	#	80
22) Acetophenone	7.23	105	622849	42.983	ng		95
24) Nitrobenzene	7.40	77	503623	41.876	ng		100
25) Isophorone	7.64	82	969064	43.515	ng		100
26) 2-Nitrophenol	7.72	139	264760	46.353	ng		98
27) 2,4-Dimethylphenol	7.75	122	440237	47.471	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	611553	44.987	ng		99
29) 2,4-Dichlorophenol	7.96	162	425470	44.898	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	444360	42.265	ng		98
31) Naphthalene	8.12	128	1393014	42.060	ng		100
32) Benzoic acid	7.86	122	113236	16.266	ng		92
33) 4-Chloroaniline	8.17	127	315122	21.329	ng		98
34) Hexachlorobutadiene	8.24	225	251073	40.509	ng		100
35) Caprolactam	8.55	113	99766	32.829	ng		93
36) 4-Chloro-3-methylphenol	8.65	107	450953	46.399	ng		99
37) 2-Methylnaphthalene	8.81	142	969544	45.086	ng		99
38) 1-Methylnaphthalene	8.91	142	912955	44.825	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	437442	43.503	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	422009	75.936	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	313239	44.243	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	344814	42.936	ng		96
46) 1,1'-Biphenyl	9.27	154	1185238	45.022	ng		98
47) 2-Chloronaphthalene	9.30	162	914321	42.599	ng		99
48) 2-Nitroaniline	9.40	65	290988	44.861	ng		92
49) Acenaphthylene	9.72	152	1477588	44.313	ng		100
50) Dimethylphthalate	9.58	163	1125550	45.206	ng		99
51) 2,6-Dinitrotoluene	9.64	165	252075	47.124	ng		92
52) Acenaphthene	9.89	154	921948	43.490	ng		100
53) 3-Nitroaniline	9.80	138	192674	28.719	ng		97
54) 2,4-Dinitrophenol	9.91	184	99421	36.365	ng		93
55) Dibenzofuran	10.06	168	1322002	43.123	ng		100
56) 4-Nitrophenol	9.97	139	369437	72.492	ng		98
57) 2,4-Dinitrotoluene	10.05	165	334645	47.639	ng		97
58) Fluorene	10.40	166	935956	40.935	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	302291	49.437	ng		95
60) Diethylphthalate	10.27	149	1139320	45.240	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	463500	38.007	ng		99
62) 4-Nitroaniline	10.42	138	273895	41.911	ng		99
63) Azobenzene	10.55	77	1039747	43.367	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	99268	27.972	ng		94
66) n-Nitrosodiphenylamine	10.52	169	954796	46.415	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	330278	45.301	ng		97
68) Hexachlorobenzene	10.95	284	365683	46.367	ng		96
69) Atrazine	11.04	200	274846	53.949	ng		98
70) Pentachlorophenol	11.15	266	387881	85.850	ng		98
71) Phenanthrene	11.36	178	1472902	43.795	ng		100
72) Anthracene	11.42	178	1545762	45.772	ng		99
73) Carbazole	11.57	167	1460856	43.589	ng		99
74) Di-n-butylphthalate	11.90	149	1793967	46.385	ng		99
75) Fluoranthene	12.55	202	1641015	44.021	ng		98
77) Benzidine	12.67	184	735400	58.915	ng		100
78) Pyrene	12.78	202	1660853	49.481	ng		100
80) Butylbenzylphthalate	13.40	149	776506	51.895	ng		98
81) Benzo(a)anthracene	13.97	228	1262677	43.921	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	462605	42.651	ng		99
83) Chrysene	14.00	228	1366866	45.242	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	953819	51.694	ng	#	98
85) Di-n-octyl phthalate	14.57	149	1835505	50.001	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1384423	45.770	ng		99
88) Benzo(b)fluoranthene	15.00	252	1263279	48.052	ng		100
89) Benzo(k)fluoranthene	15.03	252	1274141	53.142	ng		100
90) Benzo(a)pyrene	15.36	252	1136945	47.401	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	1156572	46.810	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1150379	47.221	ng		99

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

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