Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
Data File : BF120872.D
Acq On : 15 Jul 2020 14:42
Operator : JU/CG
Sample : L3289-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IRON-1MS

Manual Integrations APPROVED
mohammad
7/16/2020 11:05:01 AM

Quant Time: Jul 15 16:05:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	189314	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	748321	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	387633	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	731572	20.00	ng		0.00
76) Chrysene-d12	14.00	240	552576	20.00	ng		0.00
86) Perylene-d12	15.45	264	533770	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	805948	65.72	ng		0.00
7) Phenol-d6	6.46	99	1010621	64.53	ng		0.00
23) Nitrobenzene-d5	7.39	82	624941	48.39	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	300476	77.16	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1208053	47.15	ng		0.00
79) Terphenyl-d14	12.95	244	1228822	43.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	213420	38.096	ng		97
3) Pyridine	3.37	79	588761	38.368	ng		98
4) n-Nitrosodimethylamine	3.32	42	270102	35.185	ng	#	80
6) Aniline	6.49	93	596869	29.674	ng		98
8) 2-Chlorophenol	6.62	128	561214	42.981	ng		96
9) Benzaldehyde	6.38	77	159995	17.177	ng		91
10) Phenol	6.47	94	657400m	40.804	ng		
11) bis(2-Chloroethyl)ether	6.57	93	520191	39.678	ng		97
12) 1,3-Dichlorobenzene	6.77	146	564498	39.278	ng		97
13) 1,4-Dichlorobenzene	6.85	146	567653	39.435	ng		99
14) 1,2-Dichlorobenzene	7.00	146	543642	39.696	ng		98
15) Benzyl Alcohol	6.97	79	433862	36.870	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	734150	35.901	ng		98
17) 2-Methylphenol	7.09	107	441593	37.805	ng		97
18) Hexachloroethane	7.35	117	211957	39.176	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	335057	35.531	ng		95
20) 3+4-Methylphenols	7.24	107	489480	34.023	ng	#	82
22) Acetophenone	7.25	105	647623	34.818	ng		96
24) Nitrobenzene	7.42	77	562710	38.802	ng		92
25) Isophorone	7.66	82	1013827	36.397	ng		100
26) 2-Nitrophenol	7.73	139	292552	47.987	ng	#	83
27) 2,4-Dimethylphenol	7.77	122	459822	41.354	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	641433	38.909	ng		99
29) 2,4-Dichlorophenol	7.97	162	447000	40.269	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	480774	38.561	ng		99
31) Naphthalene	8.14	128	1499534	37.496	ng		100
32) Benzoic acid	7.89	122	341862	43.879	ng		92
33) 4-Chloroaniline	8.18	127	338986	19.975	ng		97
34) Hexachlorobutadiene	8.26	225	276673	36.898	ng		99
35) Caprolactam	8.56	113	141686m	43.805	ng		
36) 4-Chloro-3-methylphenol	8.67	107	464017	40.186	ng		93
37) 2-Methylnaphthalene	8.83	142	1009658	38.837	ng		99
38) 1-Methylnaphthalene	8.93	142	968162	39.757	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	434564	37.094	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	490787	70.905	ng		98
43) 2,4,6-Trichlorophenol	9.11	196	326215	40.864	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	341943	38.597	ng		96
46) 1,1'-Biphenyl	9.29	154	1171828	37.477	ng		100
47) 2-Chloronaphthalene	9.32	162	934937	37.324	ng		96
48) 2-Nitroaniline	9.42	65	295415	39.856	ng	#	84
49) Acenaphthylene	9.73	152	1483810	37.782	ng		99
50) Dimethylphthalate	9.60	163	1281041	45.303	ng		99
51) 2,6-Dinitrotoluene	9.66	165	247716	44.265	ng	#	81
52) Acenaphthene	9.91	154	1001153	41.092	ng		100
53) 3-Nitroaniline	9.82	138	178903	26.949	ng	#	94
54) 2,4-Dinitrophenol	9.93	184	217131	96.039	ng		92
55) Dibenzofuran	10.08	168	1322784	37.666	ng		97
56) 4-Nitrophenol	9.99	139	452904	87.144	ng		89
57) 2,4-Dinitrotoluene	10.06	165	332074	47.474	ng	#	73
58) Fluorene	10.42	166	943772	36.104	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	289787	43.956	ng		97
60) Diethylphthalate	10.30	149	1081363	36.711	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	457630	34.825	ng		98
62) 4-Nitroaniline	10.44	138	268899	44.757	ng		87
63) Azobenzene	10.57	77	1039658	34.503	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	159426	51.264	ng	#	67
66) n-Nitrosodiphenylamine	10.53	169	916336	37.370	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	310918	36.638	ng		98
68) Hexachlorobenzene	10.97	284	352824	39.621	ng	#	90
69) Atrazine	11.06	200	269696	42.693	ng		99
70) Pentachlorophenol	11.16	266	395802	78.559	ng		99
71) Phenanthrene	11.38	178	1442564	36.342	ng		100
72) Anthracene	11.43	178	1507675	37.587	ng		99
73) Carbazole	11.59	167	1432518	37.164	ng		99
74) Di-n-butylphthalate	11.92	149	1685421	35.317	ng		100
75) Fluoranthene	12.57	202	1627625	38.492	ng		99
77) Benzidine	12.69	184	691506	44.336	ng		99
78) Pyrene	12.80	202	1659651	37.607	ng		100
80) Butylbenzylphthalate	13.42	149	736150	38.636	ng		97
81) Benzo(a)anthracene	13.99	228	1280548	36.152	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	383458	32.079	ng		99
83) Chrysene	14.03	228	1377221	38.118	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	856170	34.267	ng	#	98
85) Di-n-octyl phthalate	14.59	149	1700817	38.478	ng		96
87) Indeno(1,2,3-cd)pyrene	16.90	276	1393580	40.704	ng		100
88) Benzo(b)fluoranthene	15.03	252	1378243	39.276	ng		100
89) Benzo(k)fluoranthene	15.06	252	1306798	38.271	ng		98
90) Benzo(a)pyrene	15.39	252	1206132	38.530	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	1163229	40.765	ng		99
92) Benzo(g,h,i)perylene	17.34	276	1119185	42.915	ng		99

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

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