Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118605.D
Acq On : 20 Jan 2020 21:48
Operator : CG/JU
Sample : L1154-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B3-15-20MSD

Manual Integrations APPROVED
mohammad
1/21/2020 2:26:18 PM

Quant Time: Jan 21 02:58:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	491504	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1857100	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	1032627	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1762671	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1000669	20.00	ng		0.00
87) Perylene-d12	15.51	264	1060291	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2611263	98.67	ng		0.01
7) Phenol-d6	6.51	99	3569365	103.77	ng		0.00
23) Nitrobenzene-d5	7.44	82	2230526	67.18	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	1163382	97.41	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	4075437	64.87	ng		0.00
79) Terphenyl-d14	12.99	244	4029595	87.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	546430	42.630	ng		100
3) Pyridine	3.51	79	1391229	38.509	ng		99
4) n-Nitrosodimethylamine	3.45	42	719770	46.471	ng		95
6) Aniline	6.55	93	1014425	22.398	ng		98
8) 2-Chlorophenol	6.67	128	1513052	50.938	ng		100
9) Benzaldehyde	6.43	77	816803	39.047	ng		98
10) Phenol	6.52	94	1942124	49.545	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	1407783	48.406	ng		99
12) 1,3-Dichlorobenzene	6.82	146	1605108	46.167	ng		98
13) 1,4-Dichlorobenzene	6.90	146	1639654	46.981	ng		99
14) 1,2-Dichlorobenzene	7.05	146	1562089	47.613	ng		99
15) Benzyl Alcohol	7.02	79	1361436	49.911	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1876612	46.325	ng		99
17) 2-Methylphenol	7.13	107	1258409	50.860	ng		99
18) Hexachloroethane	7.40	117	598536	47.296	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	1118050	48.139	ng		98
20) 3+4-Methylphenols	7.28	107	1511482	50.035	ng		90
22) Acetophenone	7.29	105	1977648	44.954	ng	#	98
24) Nitrobenzene	7.46	77	1625367	47.810	ng		96
25) Isophorone	7.70	82	2934488	48.457	ng		98
26) 2-Nitrophenol	7.77	139	797717	55.025	ng		95
27) 2,4-Dimethylphenol	7.82	122	1424254	56.892	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	1822439	46.705	ng		99
29) 2,4-Dichlorophenol	8.02	162	1357668	49.059	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	1474512	45.952	ng		99
31) Naphthalene	8.19	128	4062062	48.420	ng		98
32) Benzoic acid	7.94	122	848960	45.186	ng		93
33) 4-Chloroaniline	8.23	127	295298	7.616	ng		98
34) Hexachlorobutadiene	8.31	225	872443	44.647	ng		99
35) Caprolactam	8.60	113	416538m	45.993	ng		
36) 4-Chloro-3-methylphenol	8.71	107	1327290	48.568	ng		99
37) 2-Methylnaphthalene	8.88	142	2924765	49.392	ng		99
38) 1-Methylnaphthalene	8.98	142	2770901	49.254	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1464969	45.341	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1700423	104.310	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	1044792	48.730	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	1058433	48.337	ng		97
46) 1,1'-Biphenyl	9.35	154	3380169	47.495	ng		99
47) 2-Chloronaphthalene	9.37	162	2773117	46.229	ng		99
48) 2-Nitroaniline	9.46	65	836785	45.380	ng		98
49) Acenaphthylene	9.79	152	4076597	48.307	ng		98
50) Dimethylphthalate	9.65	163	3390671	50.399	ng		99
51) 2,6-Dinitrotoluene	9.70	165	753232	49.998	ng		94
52) Acenaphthene	9.96	154	2783598	49.330	ng		98
53) 3-Nitroaniline	9.86	138	278686	16.200	ng		98
54) 2,4-Dinitrophenol	9.97	184	484477	80.553	ng	#	52
55) Dibenzofuran	10.13	168	3740477	47.833	ng		98
56) 4-Nitrophenol	10.03	139	1190032	91.638	ng		94
57) 2,4-Dinitrotoluene	10.10	165	969779	51.063	ng		94
58) Fluorene	10.47	166	2842090	46.295	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	906804	47.083	ng		100
60) Diethylphthalate	10.35	149	3022521	46.336	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	1560699	46.743	ng		99
62) 4-Nitroaniline	10.49	138	661226	37.473	ng		96
63) Azobenzene	10.62	77	2972984	47.061	ng		96
65) 4,6-Dinitro-2-methylphenol	10.51	198	389766	50.287	ng		99
66) n-Nitrosodiphenylamine	10.58	169	2658313	50.008	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	1070198	49.143	ng	#	94
68) Hexachlorobenzene	11.02	284	1171087	47.432	ng		96
69) Atrazine	11.11	200	939796	51.007	ng		98
70) Pentachlorophenol	11.21	266	1169637	85.207	ng		99
71) Phenanthrene	11.43	178	3952139	46.475	ng		98
72) Anthracene	11.49	178	4050610	48.138	ng		98
73) Carbazole	11.63	167	3462382	44.860	ng		99
74) Di-n-butylphthalate	11.97	149	4174212	48.679	ng		97
75) Fluoranthene	12.62	202	3906299	43.553	ng		98
77) Benzidine	12.73	184	1186982	44.395	ng		98
78) Pyrene	12.84	202	3822097	56.260	ng		99
80) Butylbenzylphthalate	13.46	149	1618724	58.220	ng		98
81) Benzo(a)anthracene	14.03	228	2926090	48.610	ng		100
82) 3,3'-Dichlorobenzidine	13.99	252	440710	20.546	ng		99
83) Chrysene	14.07	228	2798182	48.503	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	2069368	60.920	ng		100
85) Di-n-octyl phthalate	14.64	149	3005055	59.767	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	3602119	71.858	ng		100
88) Benzo(b)fluoranthene	15.09	252	2902085	43.544	ng		99
89) Benzo(k)fluoranthene	15.12	252	2662024	43.113	ng		99
90) Benzo(a)pyrene	15.45	252	2621768	45.603	ng		100
91) Dibenzo(a,h)anthracene	17.01	278	2977967	58.558	ng		99
92) Benzo(g,h,i)perylene	17.44	276	2988849	60.531	ng		98

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

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