Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119606.D
Acq On : 28 Mar 2020 9:35
Operator : CG/JU
Sample : L2049-07MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-(10-12)MS

Manual Integrations APPROVED
mohammad
3/31/2020 8:14:12 AM

Quant Time: Mar 29 23:37:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	255789	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	991085	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	570218	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	988924	20.00	ng		0.00
76) Chrysene-d12	14.01	240	466710	20.00	ng		0.00
87) Perylene-d12	15.47	264	398544	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1712361	106.57	ng		0.01
7) Phenol-d6	6.46	99	2153279	104.91	ng		0.00
23) Nitrobenzene-d5	7.40	82	1328541	72.85	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	608506	103.44	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2417560	62.81	ng		0.00
79) Terphenyl-d14	12.95	244	1863162	78.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	368698	46.460	ng		99
3) Pyridine	3.39	79	992287	45.387	ng		98
4) n-Nitrosodimethylamine	3.35	42	547726	51.373	ng		98
6) Aniline	6.49	93	886487	31.293	ng		99
8) 2-Chlorophenol	6.62	128	913050	54.103	ng		98
9) Benzaldehyde	6.38	77	545611	41.902	ng		98
10) Phenol	6.47	94	1168127	53.335	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	871337	49.743	ng		99
12) 1,3-Dichlorobenzene	6.77	146	915170	50.105	ng		97
13) 1,4-Dichlorobenzene	6.85	146	967766	52.971	ng		98
14) 1,2-Dichlorobenzene	7.00	146	879760	51.518	ng		100
15) Benzyl Alcohol	6.97	79	765029	49.549	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1673009	47.351	ng		100
17) 2-Methylphenol	7.09	107	735922	47.594	ng		97
18) Hexachloroethane	7.35	117	353338	52.775	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	620653	50.166	ng		97
20) 3+4-Methylphenols	7.24	107	897559	47.365	ng	#	85
22) Acetophenone	7.25	105	1169979	49.404	ng	#	92
24) Nitrobenzene	7.42	77	950761	48.786	ng		99
25) Isophorone	7.66	82	1736544	46.944	ng		99
26) 2-Nitrophenol	7.73	139	473474	61.703	ng		96
27) 2,4-Dimethylphenol	7.77	122	824736	51.979	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	1126507	51.498	ng		100
29) 2,4-Dichlorophenol	7.97	162	752471	51.614	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	804190	49.879	ng		99
31) Naphthalene	8.14	128	2485499	48.733	ng		99
32) Benzoic acid	7.90	122	595604	58.356	ng		98
33) 4-Chloroaniline	8.19	127	331649	14.191	ng		96
34) Hexachlorobutadiene	8.26	225	487672	54.061	ng		98
35) Caprolactam	8.57	113	251677m	52.748	ng		
36) 4-Chloro-3-methylphenol	8.67	107	839778	52.703	ng		99
37) 2-Methylnaphthalene	8.83	142	1748839	52.247	ng		99
38) 1-Methylnaphthalene	8.93	142	1641914	51.825	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	774485	46.339	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	835026	87.880	ng		99
43) 2,4,6-Trichlorophenol	9.11	196	564231	47.174	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	583770	43.569	ng		98
46) 1,1'-Biphenyl	9.30	154	2073407	44.646	ng		99
47) 2-Chloronaphthalene	9.33	162	1598670	43.946	ng		97
48) 2-Nitroaniline	9.42	65	604447	48.139	ng		93
49) Acenaphthylene	9.75	152	2708107	47.405	ng		99
50) Dimethylphthalate	9.60	163	2234242	55.163	ng		99
51) 2,6-Dinitrotoluene	9.66	165	465431	53.612	ng		88
52) Acenaphthene	9.92	154	1843153	51.754	ng		97
53) 3-Nitroaniline	9.83	138	256331	23.387	ng		97
54) 2,4-Dinitrophenol	9.94	184	394170	102.663	ng		98
55) Dibenzofuran	10.09	168	2415455	47.305	ng		97
56) 4-Nitrophenol	10.00	139	812535	93.975	ng		87
57) 2,4-Dinitrotoluene	10.07	165	617727	56.484	ng		95
58) Fluorene	10.43	166	1842100	48.786	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	525157	52.436	ng		99
60) Diethylphthalate	10.31	149	2050113	49.871	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	884991	47.929	ng		99
62) 4-Nitroaniline	10.45	138	473949	45.094	ng		99
63) Azobenzene	10.58	77	1840730	44.466	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	287221	69.263	ng		83
66) n-Nitrosodiphenylamine	10.55	169	1683081	51.843	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	539522	47.904	ng		92
68) Hexachlorobenzene	10.98	284	568475	49.317	ng	#	92
69) Atrazine	11.07	200	484674	54.456	ng		99
70) Pentachlorophenol	11.17	266	641721	94.944	ng		99
71) Phenanthrene	11.39	178	2485033	48.462	ng		99
72) Anthracene	11.45	178	2554494	49.015	ng		99
73) Carbazole	11.60	167	2488070	48.233	ng		100
74) Di-n-butylphthalate	11.93	149	2224503	40.312	ng		100
75) Fluoranthene	12.58	202	2063533	37.184	ng		99
77) Benzidine	12.70	184	864745	43.782	ng		99
78) Pyrene	12.81	202	2025145	52.872	ng		99
80) Butylbenzylphthalate	13.43	149	922151	59.526	ng		98
81) Benzo(a)anthracene	14.00	228	1481529	48.816	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	304243	25.425	ng	#	98
83) Chrysene	14.04	228	1526532	48.737	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1209653	65.502	ng		99
85) Di-n-octyl phthalate	14.60	149	1958842	60.312	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2076438	70.390	ng		99
88) Benzo(b)fluoranthene	15.04	252	1345372	50.535	ng		98
89) Benzo(k)fluoranthene	15.07	252	1318786	52.023	ng		98
90) Benzo(a)pyrene	15.41	252	1192320	49.281	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1709558	80.785	ng		99
92) Benzo(g,h,i)perylene	17.38	276	1617940	76.103	ng		97

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

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