Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108165.D
Acq On : 15 Aug 2018 15:07
Operator : JU/SJ
Sample : J4454-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMS

Manual Integrations APPROVED
Sohil
8/16/2018 5:26:59 PM

Quant Time: Aug 15 16:22:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	256478	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	953038	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	485243	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	944160	20.00	ng		0.00
75) Chrysene-d12	14.22	240	722367	20.00	ng		0.00
86) Perylene-d12	15.79	264	557609	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	1656518	116.93	ng		0.04
7) Phenol-d6	6.65	99	2109832	112.07	ng		0.02
23) Nitrobenzene-d5	7.59	82	1632270	95.57	ng		0.01
41) 2,4,6-Tribromophenol	10.87	330	711298	146.96	ng		0.01
44) 2-Fluorobiphenyl	9.38	172	2662477	88.09	ng		0.00
78) Terphenyl-d14	13.15	244	3017544	106.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	225202m	30.938	ng		
3) Pyridine	3.84	79	545291	29.080	ng		86
4) n-Nitrosodimethylamine	3.80	42	374317	35.476	ng		83
6) Aniline	6.69	93	232396	9.076	ng		96
8) 2-Chlorophenol	6.81	128	639898	40.106	ng		94
9) Benzaldehyde	6.58	77	381830	26.161	ng		96
10) Phenol	6.67	94	689583	35.413	ng		88
11) bis(2-Chloroethyl)ether	6.76	93	670724	42.605	ng		93
12) 1,3-Dichlorobenzene	6.97	146	720922	39.077	ng		99
13) 1,4-Dichlorobenzene	7.04	146	723682	39.043	ng		96
14) 1,2-Dichlorobenzene	7.20	146	668556	38.777	ng		97
15) Benzyl Alcohol	7.16	79	647353	40.847	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1265473	39.020	ng		98
17) 2-Methylphenol	7.27	107	557339	40.733	ng	#	93
18) Hexachloroethane	7.53	117	269176	40.791	ng		96
19) n-Nitroso-di-n-propylamine	7.44	70	512809	40.282	ng		91
20) 3+4-Methylphenols	7.42	107	684455	39.036	ng	#	85
22) Acetophenone	7.43	105	958564	43.015	ng	#	91
24) Nitrobenzene	7.61	77	758279	43.906	ng		95
25) Isophorone	7.84	82	1406642	43.210	ng		98
26) 2-Nitrophenol	7.92	139	334402	51.271	ng		89
27) 2,4-Dimethylphenol	7.95	122	623008	43.120	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	850438	44.751	ng		99
29) 2,4-Dichlorophenol	8.16	162	602909	45.345	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	637289	43.473	ng		97
31) Naphthalene	8.33	128	2180379	50.306	ng		97
32) Benzoic acid	8.07	122	254203	32.520	ng		95
33) 4-Chloroaniline	8.37	127	92466	4.895	ng		98
34) Hexachlorobutadiene	8.44	225	404793	43.619	ng		99
35) Caprolactam	8.75	113	164603m	39.505	ng		
36) 4-Chloro-3-methylphenol	8.85	107	639877	44.610	ng		98
37) 2-Methylnaphthalene	9.02	142	1359593	44.337	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	668012	44.829	ng		98
40) Hexachlorocyclopentadiene	9.17	237	726545	75.486	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	455024	49.208	ng		99
43) 2,4,5-Trichlorophenol	9.34	196	490936	48.229	ng	#	93
45) 1,1'-Biphenyl	9.48	154	1621172	45.313	ng		98
46) 2-Chloronaphthalene	9.51	162	1273080	45.022	ng		99
47) 2-Nitroaniline	9.61	65	435942	47.648	ng		84
48) Acenaphthylene	9.94	152	1971491	44.101	ng		97
49) Dimethylphthalate	9.78	163	1514623	44.810	ng	#	99
50) 2,6-Dinitrotoluene	9.85	165	337437	47.715	ng		88
51) Acenaphthene	10.11	154	1208475	44.136	ng		98
52) 3-Nitroaniline	10.02	138	90480	11.694	ng		97
53) 2,4-Dinitrophenol	10.13	184	234618	87.890	ng	#	21
54) Dibenzofuran	10.28	168	1732840	43.683	ng		94
55) 4-Nitrophenol	10.18	139	471733	80.511	ng		83
56) 2,4-Dinitrotoluene	10.26	165	449768	49.410	ng	#	93
57) Fluorene	10.62	166	1382781	44.034	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.40	232	402728	47.335	ng	#	87
59) Diethylphthalate	10.48	149	1427439	43.611	ng		95
60) 4-Chlorophenyl-phenylether	10.61	204	704906	43.080	ng		94
61) 4-Nitroaniline	10.65	138	332955	43.524	ng		94
62) Azobenzene	10.77	77	1457885	43.130	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	166661	47.126	ng		88
65) n-Nitrosodiphenylamine	10.73	169	1263480	45.285	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	464981	45.318	ng	#	89
67) Hexachlorobenzene	11.17	284	486405	45.055	ng	#	88
68) Atrazine	11.25	200	443804	47.425	ng		96
69) Pentachlorophenol	11.37	266	488062	94.453	ng		96
70) Phenanthrene	11.60	178	1962575	44.070	ng		97
71) Anthracene	11.65	178	2014616	44.139	ng		96
72) Carbazole	11.80	167	1799347	44.371	ng		99
73) Di-n-butylphthalate	12.11	149	2104556	45.818	ng		98
74) Fluoranthene	12.79	202	2121769	43.656	ng		96
76) Benzidine	12.90	184	435310	16.129	ng		98
77) Pyrene	13.02	202	2109890	46.135	ng		97
79) Butylbenzylphthalate	13.62	149	932090	51.327	ng	#	95
80) Benzo(a)anthracene	14.21	228	1900568	45.845	ng		97
81) 3,3'-Dichlorobenzidine	14.17	252	228365	15.371	ng	#	97
82) Chrysene	14.25	228	1710328	45.000	ng		96
83) Bis(2-ethylhexyl)phthalate	14.17	149	1214786	49.398	ng		99
84) Di-n-octyl phthalate	14.80	149	1876404	50.031	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.42	276	1339583	40.678	ng	#	91
87) Benzo(b)fluoranthene	15.32	252	1647780	49.454	ng		96
88) Benzo(k)fluoranthene	15.35	252	1351978	44.141	ng	#	95
89) Benzo(a)pyrene	15.72	252	1375648	46.106	ng		96
90) Dibenzo(a,h)anthracene	17.44	278	1118839	45.321	ng	#	94
91) Benzo(g,h,i)perylene	17.92	276	1112867	45.780	ng	#	90

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

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