Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108092.D
Acq On : 10 Aug 2018 19:00
Operator : JU/SJ
Sample : J4272-01MSD 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-AMSD

Manual Integrations APPROVED
Sohil
8/13/2018 3:52:10 PM

Quant Time: Aug 11 01:05:06 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	284029	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1040489	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	446544	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	704788	20.00	ng		0.00
75) Chrysene-d12	14.22	240	629858	20.00	ng		0.00
86) Perylene-d12	15.79	264	462511	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	853993	54.44	ng		0.00
7) Phenol-d6	6.63	99	1155451	55.42	ng		0.00
23) Nitrobenzene-d5	7.58	82	729874	39.14	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	220456	49.49	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1229029	44.19	ng		0.00
78) Terphenyl-d14	13.15	244	1001231	40.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	99251	12.312	ng		89
3) Pyridine	3.68	79	289860	13.959	ng	#	86
4) n-Nitrosodimethylamine	3.63	42	178169	15.248	ng		82
6) Aniline	6.68	93	392470	13.840	ng		98
8) 2-Chlorophenol	6.80	128	338369	19.150	ng		96
9) Benzaldehyde	6.57	77	231054	14.295	ng		97
10) Phenol	6.64	94	432687	20.065	ng		90
11) bis(2-Chloroethyl)ether	6.75	93	325642	18.679	ng		93
12) 1,3-Dichlorobenzene	6.96	146	361504	17.695	ng		99
13) 1,4-Dichlorobenzene	7.04	146	364183	17.742	ng		98
14) 1,2-Dichlorobenzene	7.19	146	351225	18.395	ng		97
15) Benzyl Alcohol	7.15	79	320885	18.284	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	645966	17.986	ng		97
17) 2-Methylphenol	7.25	107	282828	18.666	ng		96
18) Hexachloroethane	7.53	117	106329	14.550	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	264063	18.731	ng		90
20) 3+4-Methylphenols	7.41	107	366303	18.865	ng		94
22) Acetophenone	7.42	105	495145	20.352	ng	#	92
24) Nitrobenzene	7.60	77	366590	19.442	ng		95
25) Isophorone	7.83	82	678789	19.099	ng		96
26) 2-Nitrophenol	7.91	139	136216	19.130	ng		92
27) 2,4-Dimethylphenol	7.94	122	307925	19.521	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	421038	20.293	ng		98
29) 2,4-Dichlorophenol	8.15	162	279415	19.249	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	303301	18.951	ng		95
31) Naphthalene	8.32	128	944503	19.960	ng		99
32) Benzoic acid	8.03	122	3966m	6.354	ng		
33) 4-Chloroaniline	8.37	127	302110	14.650	ng		98
34) Hexachlorobutadiene	8.44	225	200138	19.753	ng		97
35) Caprolactam	8.71	113	85105	18.708	ng	#	78
36) 4-Chloro-3-methylphenol	8.84	107	276610	17.664	ng		99
37) 2-Methylnaphthalene	9.02	142	628684	18.779	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	310412	22.636	ng	#	97
40) Hexachlorocyclopentadiene	9.17	237	23253	2.625	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	185892	21.845	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	192341	20.533	ng	#	92
45) 1,1'-Biphenyl	9.48	154	742216	22.544	ng		99
46) 2-Chloronaphthalene	9.51	162	549089	21.101	ng		98
47) 2-Nitroaniline	9.60	65	181741	21.585	ng		89
48) Acenaphthylene	9.93	152	848724	20.631	ng		100
49) Dimethylphthalate	9.77	163	773479	24.866	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	127887	19.651	ng		99
51) Acenaphthene	10.10	154	492613	19.550	ng		98
52) 3-Nitroaniline	10.01	138	129767	18.225	ng		97
53) 2,4-Dinitrophenol	10.12	184	1164	7.457	ng	#	56
54) Dibenzofuran	10.27	168	715060	19.588	ng		98
55) 4-Nitrophenol	10.16	139	154651	28.682	ng		97
56) 2,4-Dinitrotoluene	10.24	165	147172	17.569	ng	#	89
57) Fluorene	10.62	166	547425	18.943	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.39	232	133985	17.113	ng	#	87
59) Diethylphthalate	10.48	149	624104	20.720	ng		96
60) 4-Chlorophenyl-phenylether	10.61	204	289265	19.210	ng		89
61) 4-Nitroaniline	10.62	138	121338	17.236	ng		96
62) Azobenzene	10.77	77	557817	17.933	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	4384	6.830	ng	#	62
65) n-Nitrosodiphenylamine	10.72	169	494076	23.723	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	165556	21.615	ng	#	86
67) Hexachlorobenzene	11.17	284	158150	19.625	ng	#	86
68) Atrazine	11.24	200	159898	22.890	ng		97
69) Pentachlorophenol	11.36	266	126584	32.817	ng		98
70) Phenanthrene	11.59	178	838251	25.216	ng		99
71) Anthracene	11.64	178	740649	21.738	ng		100
72) Carbazole	11.79	167	607955	20.084	ng		99
73) Di-n-butylphthalate	12.11	149	820135	23.919	ng		99
74) Fluoranthene	12.78	202	954815	26.318	ng		97
76) Benzidine	12.91	184	491474	20.884	ng		98
77) Pyrene	13.02	202	974235	24.431	ng		100
79) Butylbenzylphthalate	13.62	149	320349	20.231	ng	#	95
80) Benzo(a)anthracene	14.21	228	827055	22.880	ng		98
81) 3,3'-Dichlorobenzidine	14.17	252	224571	17.336	ng	#	96
82) Chrysene	14.25	228	754823	22.777	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	463720	21.626	ng		100
84) Di-n-octyl phthalate	14.81	149	798074	24.404	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.41	276	448037	15.603	ng	#	90
87) Benzo(b)fluoranthene	15.32	252	655101	23.704	ng		96
88) Benzo(k)fluoranthene	15.35	252	577469	22.730	ng	#	96
89) Benzo(a)pyrene	15.72	252	551229	22.274	ng		98
90) Dibenzo(a,h)anthracene	17.43	278	353613	17.269	ng	#	94
91) Benzo(g,h,i)perylene	17.91	276	374663	18.582	ng	#	91

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

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