Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108209.D
Acq On : 16 Aug 2018 21:46
Operator : JU/SJ
Sample : J4499-09MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Manual Integrations APPROVED
Sohil
8/17/2018 3:30:57 PM

Quant Time: Aug 17 04:43:04 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	169642	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	627211	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	266185	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	447856	20.00	ng		0.00
75) Chrysene-d12	14.21	240	422183	20.00	ng		0.00
86) Perylene-d12	15.78	264	288836	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	326867	34.88	ng		0.00
7) Phenol-d6	6.63	99	434616	34.90	ng		0.00
23) Nitrobenzene-d5	7.57	82	279058	24.83	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	84343	31.77	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	475277	28.67	ng		0.00
78) Terphenyl-d14	13.14	244	414545	24.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	46212	9.598	ng		93
3) Pyridine	3.69	79	125407	10.111	ng		91
4) n-Nitrosodimethylamine	3.63	42	71535	10.250	ng		84
6) Aniline	6.68	93	142127	8.392	ng		99
8) 2-Chlorophenol	6.80	128	134614	12.756	ng		98
9) Benzaldehyde	6.57	77	76351	7.909	ng		94
10) Phenol	6.64	94	162735	12.635	ng		94
11) bis(2-Chloroethyl)ether	6.74	93	130573	12.540	ng		93
12) 1,3-Dichlorobenzene	6.96	146	149337	12.238	ng		98
13) 1,4-Dichlorobenzene	7.03	146	150336	12.262	ng		99
14) 1,2-Dichlorobenzene	7.19	146	142675	12.511	ng		96
15) Benzyl Alcohol	7.15	79	122180	11.656	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	251175	11.709	ng		97
17) 2-Methylphenol	7.25	107	106236	11.739	ng		95
18) Hexachloroethane	7.53	117	47096	10.790	ng		89
19) n-Nitroso-di-n-propylamine	7.41	70	99327	11.796	ng		90
20) 3+4-Methylphenols	7.40	107	140048	12.076	ng		94
22) Acetophenone	7.42	105	193177	13.172	ng	#	94
24) Nitrobenzene	7.60	77	146320	12.873	ng		100
25) Isophorone	7.82	82	259812	12.127	ng		96
26) 2-Nitrophenol	7.91	139	56105	13.071	ng		95
27) 2,4-Dimethylphenol	7.94	122	113217	11.907	ng		94
28) bis(2-Chloroethoxy)methane	8.04	93	161033	12.876	ng		99
29) 2,4-Dichlorophenol	8.15	162	107479	12.283	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	121366	12.580	ng		96
31) Naphthalene	8.32	128	377356	13.229	ng		99
32) Benzoic acid	8.00	122	27182	10.288	ng		94
33) 4-Chloroaniline	8.37	127	122994	9.894	ng		100
34) Hexachlorobutadiene	8.43	225	79802	13.066	ng		99
35) Caprolactam	8.71	113	29059	10.597	ng		87
36) 4-Chloro-3-methylphenol	8.84	107	106429	11.274	ng		98
37) 2-Methylnaphthalene	9.01	142	251245	12.449	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	122547	14.992	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	13747	2.604	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	69992	13.798	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	75468m	13.515	ng		
45) 1,1'-Biphenyl	9.48	154	297881	15.178	ng		96
46) 2-Chloronaphthalene	9.51	162	221229	14.262	ng		96
47) 2-Nitroaniline	9.60	65	67251	13.399	ng		91
48) Acenaphthylene	9.92	152	350354	14.287	ng		99
49) Dimethylphthalate	9.77	163	304899	16.444	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	49664	12.802	ng		96
51) Acenaphthene	10.10	154	199734	13.298	ng		99
52) 3-Nitroaniline	10.01	138	48896	11.520	ng		96
53) 2,4-Dinitrophenol	10.11	184	3168	9.011	ng	#	34
54) Dibenzofuran	10.27	168	293378	13.482	ng		99
55) 4-Nitrophenol	10.15	139	63678	19.812	ng		86
56) 2,4-Dinitrotoluene	10.24	165	58271	11.669	ng	#	94
57) Fluorene	10.61	166	231718	13.452	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	52431	11.234	ng		89
59) Diethylphthalate	10.47	149	245974	13.700	ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	115926	12.915	ng	#	87
61) 4-Nitroaniline	10.62	138	47606	11.344	ng		95
62) Azobenzene	10.76	77	220160	11.873	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	4430	7.699	ng		93
65) n-Nitrosodiphenylamine	10.71	169	195613	14.780	ng		96
66) 4-Bromophenyl-phenylether	11.09	248	67418	13.852	ng		90
67) Hexachlorobenzene	11.16	284	67954	13.270	ng	#	90
68) Atrazine	11.24	200	60254	13.574	ng		96
69) Pentachlorophenol	11.35	266	51719	21.101	ng		97
70) Phenanthrene	11.58	178	712326	33.722	ng		99
71) Anthracene	11.64	178	387172	17.883	ng		98
72) Carbazole	11.78	167	307249	15.973	ng		99
73) Di-n-butylphthalate	12.10	149	337287	15.480	ng		99
74) Fluoranthene	12.78	202	1370068	59.429	ng		96
77) Pyrene	13.01	202	1192471	44.614	ng		98
79) Butylbenzylphthalate	13.61	149	141453	13.328	ng	#	96
80) Benzo(a)anthracene	14.21	228	776643	32.054	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	90413	10.413	ng	#	97
82) Chrysene	14.24	228	724089	32.598	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	208759	14.525	ng		100
84) Di-n-octyl phthalate	14.79	149	356007	16.241	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.39	276	325577	16.916	ng	#	89
87) Benzo(b)fluoranthene	15.31	252	702520	40.704	ng		98
88) Benzo(k)fluoranthene	15.34	252	373458	23.539	ng	#	96
89) Benzo(a)pyrene	15.71	252	471342	30.498	ng	#	96
90) Dibenzo(a,h)anthracene	17.41	278	189116m	14.789	ng		
91) Benzo(g,h,i)perylene	17.89	276	286103	22.721	ng	#	91

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

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