Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108708.D
Acq On : 31 Aug 2018 23:51
Operator : JU/SJ
Sample : J4535-04MSDRE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSDRE

Manual Integrations APPROVED
Sohil
9/4/2018 3:53:44 PM

Quant Time: Sep 04 06:00:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	78941	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	287933	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	121767	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	244868	20.00	ng		0.00
75) Chrysene-d12	14.19	240	215762	20.00	ng		0.00
86) Perylene-d12	15.75	264	148451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	330311	72.69	ng		0.00
7) Phenol-d6	6.64	99	499571	76.76	ng		-0.01
23) Nitrobenzene-d5	7.57	82	356875	62.91	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	129395	80.50	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	575201	63.51	ng		0.00
78) Terphenyl-d14	13.12	244	657145	59.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	53503	25.335	ng		94
3) Pyridine	3.72	79	93011	19.062	ng		88
4) n-Nitrosodimethylamine	3.70	42	48565m	19.953	ng		
6) Aniline	6.69	93	128778	18.337	ng	#	83
8) 2-Chlorophenol	6.79	128	155145	27.923	ng		91
9) Benzaldehyde	6.65	77	77594m	19.289	ng		
10) Phenol	6.65	94	146979	19.366	ng		77
11) bis(2-Chloroethyl)ether	6.73	93	184528	27.611	ng		98
12) 1,3-Dichlorobenzene	6.94	146	172705	26.809	ng		98
13) 1,4-Dichlorobenzene	7.02	146	202456	28.791	ng		98
14) 1,2-Dichlorobenzene	7.17	146	187906	29.095	ng		98
15) Benzyl Alcohol	7.21	79	85859	18.339	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.26	45	286026	27.898	ng		73
17) 2-Methylphenol	7.26	107	108883	25.205	ng	#	55
18) Hexachloroethane	7.50	117	57940	23.958	ng		95
19) n-Nitroso-di-n-propylamine	7.40	70	119070	27.319	ng		93
20) 3+4-Methylphenols	7.42	107	113704	21.008	ng	#	22
22) Acetophenone	7.41	105	228381	31.773	ng	#	92
24) Nitrobenzene	7.58	77	154948	26.939	ng		92
25) Isophorone	7.81	82	305506	32.421	ng		97
26) 2-Nitrophenol	7.91	139	48782	18.735	ng	#	86
27) 2,4-Dimethylphenol	7.93	122	117484	31.024	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	178950	30.062	ng		98
29) 2,4-Dichlorophenol	8.15	162	110947	24.695	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	146909	29.242	ng		98
31) Naphthalene	8.31	128	467160	34.063	ng		99
32) Benzoic acid	8.09	122	13597m	5.599	ng		
33) 4-Chloroaniline	8.37	127	145838	24.089	ng		95
34) Hexachlorobutadiene	8.41	225	97074	29.428	ng		97
35) Caprolactam	8.71	113	26102	21.804	ng	#	81
36) 4-Chloro-3-methylphenol	8.84	107	116326	24.125	ng		98
37) 2-Methylnaphthalene	9.00	142	270048	29.103	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	144385	33.400	ng	#	96
40) Hexachlorocyclopentadiene	9.14	237	6208	10.124	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	67438	26.343	ng		95
43) 2,4,5-Trichlorophenol	9.33	196	91935	30.797	ng		96
45) 1,1'-Biphenyl	9.46	154	341308	32.197	ng		96
46) 2-Chloronaphthalene	9.49	162	250539	30.189	ng		98
47) 2-Nitroaniline	9.61	65	80006	28.824	ng		89
48) Acenaphthylene	9.91	152	386469	31.809	ng		99
49) Dimethylphthalate	9.75	163	341481	35.613	ng		99
50) 2,6-Dinitrotoluene	9.82	165	52435	24.809	ng	#	86
51) Acenaphthene	10.08	154	220828	30.398	ng		99
52) 3-Nitroaniline	10.02	138	68562	29.986	ng		92
54) Dibenzofuran	10.25	168	329312	28.970	ng		96
55) 4-Nitrophenol	10.24	139	31885m	25.318	ng		
56) 2,4-Dinitrotoluene	10.24	165	61952	22.137	ng	#	75
57) Fluorene	10.59	166	264963	30.078	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	79857	29.861	ng	#	77
59) Diethylphthalate	10.45	149	283333	29.329	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	137329	27.472	ng		93
61) 4-Nitroaniline	10.65	138	66476	30.045	ng		92
62) Azobenzene	10.74	77	253498	26.400	ng		93
65) n-Nitrosodiphenylamine	10.70	169	237586	29.204	ng		96
66) 4-Bromophenyl-phenylether	11.07	248	86562	28.763	ng		90
67) Hexachlorobenzene	11.14	284	89136	27.492	ng	#	85
68) Atrazine	11.22	200	73353	28.243	ng		99
69) Pentachlorophenol	11.35	266	58573	33.997	ng		96
70) Phenanthrene	11.57	178	367777	29.756	ng		99
71) Anthracene	11.62	178	439009	33.804	ng		99
72) Carbazole	11.78	167	376590	29.990	ng		99
73) Di-n-butylphthalate	12.08	149	431841	29.890	ng		99
74) Fluoranthene	12.76	202	468207	33.654	ng		95
76) Benzidine	12.90	184	199387	32.829	ng		98
77) Pyrene	12.99	202	464998	28.669	ng		99
79) Butylbenzylphthalate	13.59	149	201970	29.614	ng		97
80) Benzo(a)anthracene	14.19	228	393019	29.880	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	149609	31.364	ng	#	98
82) Chrysene	14.22	228	393677	31.122	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	278571	31.777	ng		98
84) Di-n-octyl phthalate	14.76	149	453423	35.179	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	256344	29.145	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	266966	29.275	ng	#	97
88) Benzo(k)fluoranthene	15.32	252	312022	34.540	ng	#	95
89) Benzo(a)pyrene	15.69	252	259662	31.508	ng	#	96
90) Dibenzo(a,h)anthracene	17.39	278	216915	32.956	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	210016	32.830	ng	#	90

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

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