Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108393.D
Acq On : 22 Aug 2018 19:50
Operator : JU/SJ
Sample : J4559-10MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Manual Integrations APPROVED
Sohil
8/23/2018 3:43:21 PM

Quant Time: Aug 23 05:12:08 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	151097	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	542665	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	248811	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	392324	20.00	ng		0.00
75) Chrysene-d12	14.21	240	232724	20.00	ng		0.01
86) Perylene-d12	15.78	264	238020	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1082363	129.69	ng		0.00
7) Phenol-d6	6.64	99	1481050	133.54	ng		0.00
23) Nitrobenzene-d5	7.57	82	956249	98.33	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	333427	134.35	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1457969	94.08	ng		0.00
78) Terphenyl-d14	13.14	244	984735	107.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	117582	27.419	ng		88
3) Pyridine	3.71	79	358094	32.416	ng		85
4) n-Nitrosodimethylamine	3.67	42	215769	34.712	ng		82
6) Aniline	6.67	93	194104	12.867	ng		94
8) 2-Chlorophenol	6.80	128	383860	40.838	ng		100
9) Benzaldehyde	6.55	77	275465	32.036	ng		97
10) Phenol	6.65	94	500360	43.616	ng		86
11) bis(2-Chloroethyl)ether	6.74	93	371043	40.007	ng		94
12) 1,3-Dichlorobenzene	6.94	146	420375	38.678	ng		97
13) 1,4-Dichlorobenzene	7.02	146	422508	38.692	ng		99
14) 1,2-Dichlorobenzene	7.18	146	396205	39.007	ng		98
15) Benzyl Alcohol	7.14	79	369033	39.526	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	690833	36.158	ng		99
17) 2-Methylphenol	7.25	107	329768	40.910	ng	#	93
18) Hexachloroethane	7.51	117	161583	41.564	ng		97
19) n-Nitroso-di-n-propylamine	7.41	70	290583	38.746	ng		93
20) 3+4-Methylphenols	7.40	107	407321	39.432	ng	#	87
22) Acetophenone	7.41	105	562787	44.353	ng	#	94
24) Nitrobenzene	7.59	77	427199	43.441	ng		94
25) Isophorone	7.82	82	778767	42.014	ng		98
26) 2-Nitrophenol	7.90	139	186924	50.333	ng		90
27) 2,4-Dimethylphenol	7.93	122	345528	42.000	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	466263	43.089	ng		98
29) 2,4-Dichlorophenol	8.14	162	334563	44.191	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	349442	41.864	ng		97
31) Naphthalene	8.31	128	1106253	44.825	ng		99
32) Benzoic acid	7.99	122	17684	9.218	ng	#	84
33) 4-Chloroaniline	8.36	127	259866	24.162	ng		97
34) Hexachlorobutadiene	8.42	225	225173	42.612	ng		99
35) Caprolactam	8.72	113	96813m	40.806	ng		
36) 4-Chloro-3-methylphenol	8.84	107	344467	42.176	ng		98
37) 2-Methylnaphthalene	9.00	142	738760	42.310	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	355576	46.537	ng		97
40) Hexachlorocyclopentadiene	9.15	237	91380	18.516	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	235583	49.686	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	244290	46.803	ng		98
45) 1,1'-Biphenyl	9.47	154	851302	46.406	ng		98
46) 2-Chloronaphthalene	9.50	162	646350	44.579	ng		98
47) 2-Nitroaniline	9.59	65	231753	49.400	ng		84
48) Acenaphthylene	9.91	152	983551	42.909	ng		99
49) Dimethylphthalate	9.77	163	1033813	59.649	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	165892	45.749	ng		91
51) Acenaphthene	10.09	154	661948	47.149	ng		99
52) 3-Nitroaniline	10.00	138	141121	35.570	ng		89
53) 2,4-Dinitrophenol	10.11	184	10671	14.194	ng	#	23
54) Dibenzofuran	10.26	168	899784	44.237	ng		97
55) 4-Nitrophenol	10.16	139	239011	79.555	ng	#	80
56) 2,4-Dinitrotoluene	10.24	165	216648	46.416	ng	#	94
57) Fluorene	10.60	166	723900	44.958	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	185646	42.554	ng		88
59) Diethylphthalate	10.47	149	733499	43.705	ng		95
60) 4-Chlorophenyl-phenylether	10.59	204	340484	40.581	ng		93
61) 4-Nitroaniline	10.62	138	152062	38.766	ng		86
62) Azobenzene	10.75	77	670521	38.686	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	15697	14.826	ng		85
65) n-Nitrosodiphenylamine	10.71	169	619761	53.458	ng		95
66) 4-Bromophenyl-phenylether	11.08	248	204913	48.062	ng	#	85
67) Hexachlorobenzene	11.15	284	201218	44.856	ng	#	89
68) Atrazine	11.23	200	183862	47.283	ng		98
69) Pentachlorophenol	11.35	266	177696	82.759	ng		97
70) Phenanthrene	11.58	178	1438745	77.751	ng		99
71) Anthracene	11.62	178	997883	52.615	ng		98
72) Carbazole	11.78	167	783117	46.474	ng		99
73) Di-n-butylphthalate	12.09	149	910435	47.701	ng		99
74) Fluoranthene	12.78	202	1543167	76.412	ng		95
76) Benzidine	12.88	184	29670	3.412	ng	#	54
77) Pyrene	13.01	202	1442202	97.884	ng		98
79) Butylbenzylphthalate	13.60	149	293988	50.249	ng		93
80) Benzo(a)anthracene	14.20	228	996885	74.640	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	117294	24.506	ng		98
82) Chrysene	14.24	228	886325	72.385	ng		99
83) Bis(2-ethylhexyl)phthalate	14.16	149	392182	49.501	ng	#	98
84) Di-n-octyl phthalate	14.78	149	656993	54.374	ng		97
85) Indeno(1,2,3-cd)pyrene	17.42	276	693492	65.365	ng	#	88
87) Benzo(b)fluoranthene	15.31	252	1130221	79.466	ng		96
88) Benzo(k)fluoranthene	15.34	252	685402	52.424	ng		98
89) Benzo(a)pyrene	15.72	252	888779	69.785	ng		97
90) Dibenzo(a,h)anthracene	17.42	278	453656	43.050	ng	#	94
91) Benzo(g,h,i)perylene	17.91	276	573294	55.250	ng	#	89

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

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