Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110090.D
Acq On : 23 Oct 2018 21:04
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 8PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 24 05:59:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	178549	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	753952	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	370615	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	713606	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	593804	20.00	ng		-0.02
87) Perylene-d12	15.67	264	508609	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1405123	128.15	ng		-0.01
7) Phenol-d6	6.59	99	1771008	126.28	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1044870	82.20	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	469658	127.93	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1888452	80.01	ng		-0.01
79) Terphenyl-d14	13.09	244	1985847	69.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	39361	6.852	ng		92
3) Pyridine	3.66	79	98113	7.668	ng		91
4) n-Nitrosodimethylamine	3.55	42	46416	8.659	ng	#	98
6) Aniline	6.63	93	141475	7.744	ng	#	54
8) 2-Chlorophenol	6.75	128	102264	8.090	ng		97
9) Benzaldehyde	6.52	77	66548	6.010	ng		96
10) Phenol	6.60	94	122439	8.168	ng	#	66
11) bis(2-Chloroethyl)ether	6.70	93	100724	8.167	ng		97
12) 1,3-Dichlorobenzene	6.90	146	113377	8.150	ng		96
13) 1,4-Dichlorobenzene	6.98	146	114667	8.150	ng		100
14) 1,2-Dichlorobenzene	7.13	146	105752	8.097	ng		98
15) Benzyl Alcohol	7.10	79	100017	9.273	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	7.23	45	162976	8.265	ng		67
17) 2-Methylphenol	7.20	107	83815	8.320	ng	#	81
18) Hexachloroethane	7.47	117	41376	8.033	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	72615	8.071	ng		93
20) 3+4-Methylphenols	7.35	107	110095	8.454	ng	#	84
22) Acetophenone	7.37	105	149306	8.594	ng	#	98
24) Nitrobenzene	7.55	77	109747	8.363	ng		91
25) Isophorone	7.77	82	199326	9.199	ng		99
26) 2-Nitrophenol	7.86	139	47406	7.591	ng		96
27) 2,4-Dimethylphenol	7.89	122	91581	8.845	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	127228	8.643	ng		99
29) 2,4-Dichlorophenol	8.10	162	86276	8.248	ng		95
30) 1,2,4-Trichlorobenzene	8.19	180	94596	8.073	ng		92
31) Naphthalene	8.27	128	317546	9.138	ng		99
32) Benzoic acid	7.96	122	40179	5.021	ng		96
33) 4-Chloroaniline	8.32	127	111096	7.104	ng		96
34) Hexachlorobutadiene	8.38	225	50975	7.835	ng		96
35) Caprolactam	8.65	113	26936	7.388	ng		92
36) 4-Chloro-3-methylphenol	8.78	107	92189	8.150	ng		96
37) 2-Methylnaphthalene	8.96	142	217739	9.471	ng		97
38) 1-Methylnaphthalene	9.06	142	202611	9.119	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	91035	7.883	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	46664	7.903	ng		99
43) 2,4,6-Trichlorophenol	9.23	196	59028	7.925	ng		97
44) 2,4,5-Trichlorophenol	9.27	196	64499	8.193	ng		94
46) 1,1'-Biphenyl	9.42	154	269357	8.037	ng		100
47) 2-Chloronaphthalene	9.45	162	206304	8.392	ng		98
48) 2-Nitroaniline	9.55	65	60765	8.157	ng		91
49) Acenaphthylene	9.87	152	322060	9.070	ng		98
50) Dimethylphthalate	9.72	163	232059	8.482	ng		100
51) 2,6-Dinitrotoluene	9.78	165	49587	8.415	ng		94
52) Acenaphthene	10.04	154	202777	8.632	ng		98
53) 3-Nitroaniline	9.95	138	48693	6.948	ng		92
54) 2,4-Dinitrophenol	10.06	184	13249	10.473	ng		87
55) Dibenzofuran	10.21	168	281943	8.573	ng		97
56) 4-Nitrophenol	10.10	139	41895	8.077	ng		91
57) 2,4-Dinitrotoluene	10.19	165	65356	8.731	ng	#	83
58) Fluorene	10.56	166	229009	9.356	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.33	232	51273m	7.990	ng		
60) Diethylphthalate	10.42	149	226584	8.484	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	107556	8.330	ng		97
62) 4-Nitroaniline	10.56	138	56189	8.062	ng		92
63) Azobenzene	10.70	77	231345	8.727	ng		98
65) 4,6-Dinitro-2-methylphenol	10.59	198	20515	6.292	ng		89
66) n-Nitrosodiphenylamine	10.66	169	197460	8.436	ng		96
67) 4-Bromophenyl-phenylether	11.03	248	64508	8.334	ng	#	91
68) Hexachlorobenzene	11.10	284	67474	8.216	ng		98
69) Atrazine	11.18	200	63465	8.580	ng		95
70) Pentachlorophenol	11.30	266	27575	5.758	ng		94
71) Phenanthrene	11.52	178	350307	9.382	ng		100
72) Anthracene	11.57	178	357835	9.561	ng		99
73) Carbazole	11.73	167	308116	8.432	ng		99
74) Di-n-butylphthalate	12.05	149	365783	8.863	ng		99
75) Fluoranthene	12.72	202	360063	9.502	ng		98
77) Benzidine	12.83	184	97390	4.001	ng		96
78) Pyrene	12.95	202	357455	8.397	ng		98
80) Butylbenzylphthalate	13.55	149	146532	7.930	ng		99
81) Benzo(a)anthracene	14.13	228	316412	8.985	ng		100
82) 3,3'-Dichlorobenzidine	14.09	252	84019	6.852	ng		96
83) Chrysene	14.17	228	300638	8.989	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	212707	8.516	ng		97
85) Di-n-octyl phthalate	14.72	149	335718	8.644	ng		98
86) Indeno(1,2,3-cd)pyrene	17.22	276	236361	8.518	ng	#	95
88) Benzo(b)fluoranthene	15.21	252	263348	8.966	ng		98
89) Benzo(k)fluoranthene	15.24	252	266223	9.220	ng		98
90) Benzo(a)pyrene	15.60	252	246580	9.124	ng		97
91) Dibenzo(a,h)anthracene	17.23	278	195170	8.370	ng		96
92) Benzo(g,h,i)perylene	17.69	276	187594	8.164	ng		97

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

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