Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108605.D
Acq On : 29 Aug 2018 15:32
Operator : JU/SJ
Sample : J4661-02MS 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-CLASS-HOT-SPOTMS

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:36 PM

Quant Time: Aug 29 16:53:09 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	128540	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	493154	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	229285	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	369801	20.00	ng		0.00
75) Chrysene-d12	14.20	240	262580	20.00	ng		0.00
86) Perylene-d12	15.76	264	276864	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	293336	41.32	ng		0.00
7) Phenol-d6	6.62	99	429207	45.49	ng		0.00
23) Nitrobenzene-d5	7.56	82	282423	31.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	98259	42.96	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	432166	30.26	ng		-0.01
78) Terphenyl-d14	13.12	244	289113	27.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	41080	11.260	ng		92
3) Pyridine	3.71	79	90383	9.618	ng		88
4) n-Nitrosodimethylamine	3.66	42	53621m	10.140	ng		
6) Aniline	6.68	93	51790	4.036	ng	#	66
8) 2-Chlorophenol	6.79	128	135844	16.988	ng		96
9) Benzaldehyde	6.56	77	71675m	9.798	ng		
10) Phenol	6.64	94	165977m	17.007	ng		
11) bis(2-Chloroethyl)ether	6.73	93	138433	17.546	ng		94
12) 1,3-Dichlorobenzene	6.94	146	147146	15.915	ng		96
13) 1,4-Dichlorobenzene	7.02	146	161114	17.344	ng		98
14) 1,2-Dichlorobenzene	7.17	146	146041	16.901	ng		98
15) Benzyl Alcohol	7.15	79	102209	12.868	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.26	45	246692	15.178	ng		74
17) 2-Methylphenol	7.25	107	114038	16.630	ng	#	89
18) Hexachloroethane	7.51	117	52913	15.999	ng		89
19) n-Nitroso-di-n-propylamine	7.40	70	101525	15.913	ng	#	88
20) 3+4-Methylphenols	7.41	107	143743	16.358	ng	#	17
22) Acetophenone	7.41	105	211459	18.338	ng	#	89
24) Nitrobenzene	7.58	77	146589	16.403	ng		96
25) Isophorone	7.81	82	265395	15.755	ng		98
26) 2-Nitrophenol	7.90	139	65467	19.398	ng	#	90
27) 2,4-Dimethylphenol	7.92	122	113613	15.196	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	167053	16.988	ng		98
29) 2,4-Dichlorophenol	8.14	162	118219	17.183	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	126771	16.712	ng		93
31) Naphthalene	8.31	128	449661	20.049	ng		99
32) Benzoic acid	7.92	122	113613	28.903	ng	#	17
33) 4-Chloroaniline	8.37	127	45292	4.634	ng		95
34) Hexachlorobutadiene	8.41	225	80191	16.699	ng		100
35) Caprolactam	8.70	113	29633	13.744	ng	#	81
36) 4-Chloro-3-methylphenol	8.84	107	120322	16.211	ng		98
37) 2-Methylnaphthalene	9.00	142	280000	17.646	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	132626	18.836	ng		97
40) Hexachlorocyclopentadiene	9.14	237	28855	6.345	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	78470	17.959	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	88987	18.501	ng		95
45) 1,1'-Biphenyl	9.46	154	322939	19.103	ng		98
46) 2-Chloronaphthalene	9.49	162	240316	17.986	ng		96
47) 2-Nitroaniline	9.59	65	81470	18.845	ng		89
48) Acenaphthylene	9.91	152	373061	17.661	ng		100
49) Dimethylphthalate	9.75	163	351075	21.981	ng		98
50) 2,6-Dinitrotoluene	9.82	165	60004	17.957	ng		92
51) Acenaphthene	10.08	154	318488	24.617	ng		100
52) 3-Nitroaniline	10.01	138	38821	10.618	ng		88
53) 2,4-Dinitrophenol	10.13	184	3326	9.447	ng	#	88
54) Dibenzofuran	10.25	168	383124	20.440	ng		96
55) 4-Nitrophenol	10.17	139	65398	23.621	ng		81
56) 2,4-Dinitrotoluene	10.23	165	74316	17.278	ng	#	93
57) Fluorene	10.60	166	332543	22.411	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	64898	16.143	ng		89
59) Diethylphthalate	10.45	149	274887	17.774	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	128792	16.658	ng		91
61) 4-Nitroaniline	10.62	138	50437	13.953	ng		90
62) Azobenzene	10.74	77	249403	15.615	ng		91
64) 4,6-Dinitro-2-methylphenol	10.64	198	5844	9.098	ng	#	50
65) n-Nitrosodiphenylamine	10.70	169	228440	20.904	ng		95
66) 4-Bromophenyl-phenylether	11.07	248	77122	19.191	ng		91
67) Hexachlorobenzene	11.14	284	74714	17.670	ng	#	91
68) Atrazine	11.22	200	69443	18.946	ng		95
69) Pentachlorophenol	11.34	266	50903	25.151	ng		97
70) Phenanthrene	11.57	178	1126870	64.606	ng		99
71) Anthracene	11.62	178	525678	29.405	ng		100
72) Carbazole	11.78	167	362840	22.844	ng		98
73) Di-n-butylphthalate	12.08	149	348889	19.393	ng		99
74) Fluoranthene	12.77	202	1285902	67.551	ng		95
76) Benzidine	12.89	184	52646	5.366	ng		97
77) Pyrene	13.00	202	1103640	66.388	ng		99
79) Butylbenzylphthalate	13.59	149	135068	20.461	ng		97
80) Benzo(a)anthracene	14.19	228	689785	45.774	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	56707	10.500	ng	#	98
82) Chrysene	14.22	228	608966	44.078	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	221337	24.760	ng		99
84) Di-n-octyl phthalate	14.77	149	310061	22.743	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.38	276	391150	32.676	ng	#	88
87) Benzo(b)fluoranthene	15.29	252	730468	44.154	ng		96
88) Benzo(k)fluoranthene	15.32	252	427589	28.117	ng	#	96
89) Benzo(a)pyrene	15.69	252	561113m	37.876	ng		
90) Dibenzo(a,h)anthracene	17.39	278	233001m	19.009	ng		
91) Benzo(g,h,i)perylene	17.87	276	333628	27.641	ng	#	89

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

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