Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108606.D
Acq On : 29 Aug 2018 15:59
Operator : JU/SJ
Sample : J4661-02MSD 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:38 PM

Quant Time: Aug 29 16:59:31 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	125018	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	483500	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	213781	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	336244	20.00	ng		0.00
75) Chrysene-d12	14.20	240	274131	20.00	ng		0.00
86) Perylene-d12	15.76	264	278146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	214630	31.08	ng		0.00
7) Phenol-d6	6.62	99	337795	36.81	ng		0.00
23) Nitrobenzene-d5	7.56	82	224683	25.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	73099	34.28	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	377053	28.32	ng		-0.01
78) Terphenyl-d14	13.12	244	265610	24.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	28312	7.979	ng	#	75
3) Pyridine	3.71	79	73094	7.997	ng	#	84
4) n-Nitrosodimethylamine	3.65	42	40414m	7.858	ng		
6) Aniline	6.68	93	57319	4.592	ng	#	69
8) 2-Chlorophenol	6.79	128	104613	13.451	ng		97
9) Benzaldehyde	6.56	77	56276m	7.910	ng		
10) Phenol	6.64	94	119228	12.561	ng		87
11) bis(2-Chloroethyl)ether	6.73	93	112169	14.617	ng		96
12) 1,3-Dichlorobenzene	6.94	146	114704	12.755	ng		96
13) 1,4-Dichlorobenzene	7.02	146	125172	13.854	ng		97
14) 1,2-Dichlorobenzene	7.17	146	117226	13.949	ng		97
15) Benzyl Alcohol	7.15	79	76629	9.920	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.26	45	190769	12.068	ng		74
17) 2-Methylphenol	7.25	107	88166	13.219	ng	#	88
18) Hexachloroethane	7.51	117	41193	12.806	ng		90
19) n-Nitroso-di-n-propylamine	7.40	70	78986	12.729	ng		91
20) 3+4-Methylphenols	7.41	107	114767	13.428	ng	#	16
22) Acetophenone	7.41	105	159196	14.081	ng	#	91
24) Nitrobenzene	7.58	77	114794	13.102	ng		96
25) Isophorone	7.81	82	208073	12.599	ng		94
26) 2-Nitrophenol	7.90	139	49295	14.898	ng		91
27) 2,4-Dimethylphenol	7.92	122	96583	13.177	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	127926	13.269	ng		97
29) 2,4-Dichlorophenol	8.14	162	91438	13.555	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	99153	13.332	ng		96
31) Naphthalene	8.31	128	324636	14.764	ng		99
32) Benzoic acid	7.92	122	96583	25.855	ng	#	18
33) 4-Chloroaniline	8.37	127	53795	5.614	ng		96
34) Hexachlorobutadiene	8.41	225	62712	13.320	ng		99
35) Caprolactam	8.70	113	22717	10.747	ng	#	73
36) 4-Chloro-3-methylphenol	8.84	107	90679	12.461	ng		97
37) 2-Methylnaphthalene	8.99	142	203312	13.069	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	102249	15.575	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	20387	4.808	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	57829	14.195	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	65035	14.502	ng		96
45) 1,1'-Biphenyl	9.46	154	248468	15.764	ng		97
46) 2-Chloronaphthalene	9.49	162	186751	14.991	ng		96
47) 2-Nitroaniline	9.59	65	64398	15.976	ng		85
48) Acenaphthylene	9.91	152	285711	14.507	ng		99
49) Dimethylphthalate	9.75	163	270083	18.137	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	46675	14.981	ng		94
51) Acenaphthene	10.08	154	196518	16.291	ng		99
52) 3-Nitroaniline	10.01	138	38323	11.242	ng		93
53) 2,4-Dinitrophenol	10.12	184	1627	8.294	ng	#	53
54) Dibenzofuran	10.25	168	262376	15.013	ng		96
55) 4-Nitrophenol	10.18	139	46010	17.824	ng		87
56) 2,4-Dinitrotoluene	10.23	165	53534	13.349	ng	#	95
57) Fluorene	10.59	166	217402	15.714	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	46688	12.456	ng	#	85
59) Diethylphthalate	10.45	149	207310	14.376	ng		99
60) 4-Chlorophenyl-phenylether	10.58	204	96923	13.445	ng		90
61) 4-Nitroaniline	10.62	138	39972	11.860	ng		93
62) Azobenzene	10.74	77	188921	12.686	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	4343	8.415	ng	#	1
65) n-Nitrosodiphenylamine	10.70	169	170075	17.117	ng		95
66) 4-Bromophenyl-phenylether	11.08	248	55734	15.253	ng	#	86
67) Hexachlorobenzene	11.14	284	54562	14.192	ng	#	90
68) Atrazine	11.22	200	52356	15.710	ng		96
69) Pentachlorophenol	11.34	266	38176	20.745	ng		97
70) Phenanthrene	11.57	178	483414	30.481	ng		99
71) Anthracene	11.62	178	294427	18.113	ng		99
72) Carbazole	11.78	167	229399	15.884	ng		98
73) Di-n-butylphthalate	12.08	149	256134	15.658	ng		99
74) Fluoranthene	12.77	202	690063	39.868	ng		94
76) Benzidine	12.89	184	52085	5.085	ng		98
77) Pyrene	12.99	202	617053	35.554	ng		100
79) Butylbenzylphthalate	13.59	149	102905	14.932	ng		95
80) Benzo(a)anthracene	14.19	228	434722	27.632	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	53800	9.542	ng	#	98
82) Chrysene	14.22	228	385497	26.727	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	344430	36.907	ng		99
84) Di-n-octyl phthalate	14.77	149	377413	26.517	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.38	276	270873	21.675	ng	#	88
87) Benzo(b)fluoranthene	15.29	252	429468	25.840	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	321186	21.023	ng	#	96
89) Benzo(a)pyrene	15.69	252	362642	24.366	ng		97
90) Dibenzo(a,h)anthracene	17.38	278	169980m	13.803	ng		
91) Benzo(g,h,i)perylene	17.87	276	230616	19.019	ng	#	89

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

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