Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106968.D
Acq On : 29 Jun 2018 13:06
Operator : JU/SJ
Sample : J3709-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-FW-TS004-01MSD

Manual Integrations APPROVED
Sohil
6/30/2018 10:57:55 AM

Quant Time: Jun 29 14:43:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 11:40:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74027	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	285093	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	146721	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	266812	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	206593	20.00	ng		-0.02
86) Perylene-d12	15.69	264	192166	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	517141	118.29	ng		0.00
7) Phenol-d6	6.61	99	660104	120.91	ng		0.00
23) Nitrobenzene-d5	7.52	82	425287	82.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	223191	131.25	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	759556	88.18	ng		-0.01
78) Terphenyl-d14	13.07	244	771113	90.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	71166	31.664	ng		97
3) Pyridine	3.63	79	184527	30.273	ng		97
4) n-Nitrosodimethylamine	3.59	42	90928	35.122	ng		84
6) Aniline	6.62	93	204466	27.610	ng	#	69
8) 2-Chlorophenol	6.75	128	209377	43.666	ng		99
9) Benzaldehyde	6.51	77	124462	31.694	ng		95
10) Phenol	6.62	94	259620	41.669	ng		81
11) bis(2-Chloroethyl)ether	6.69	93	209423	40.715	ng		98
12) 1,3-Dichlorobenzene	6.90	146	239074	42.570	ng		99
13) 1,4-Dichlorobenzene	6.97	146	240888	42.427	ng		98
14) 1,2-Dichlorobenzene	7.12	146	223938	43.036	ng		98
15) Benzyl Alcohol	7.10	79	176964	40.369	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	277237	41.081	ng		61
17) 2-Methylphenol	7.21	107	179004	43.623	ng	#	91
18) Hexachloroethane	7.46	117	79629	39.882	ng	#	87
19) n-Nitroso-di-n-propylamine	7.37	70	140716	39.102	ng		93
20) 3+4-Methylphenols	7.37	107	215436	50.284	ng	#	84
22) Acetophenone	7.37	105	281947	44.204	ng	#	95
24) Nitrobenzene	7.54	77	223315	42.638	ng		99
25) Isophorone	7.78	82	405858	44.897	ng		99
26) 2-Nitrophenol	7.85	139	120957	48.921	ng		99
27) 2,4-Dimethylphenol	7.90	122	194312	50.846	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	259054	42.681	ng		98
29) 2,4-Dichlorophenol	8.10	162	200038	49.998	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	213746	48.496	ng		98
31) Naphthalene	8.26	128	598951	44.936	ng		100
32) Benzoic acid	8.03	122	103385	38.482	ng		98
33) 4-Chloroaniline	8.31	127	137862	24.650	ng		99
34) Hexachlorobutadiene	8.37	225	138175	48.112	ng		99
35) Caprolactam	8.70	113	66007m	50.611	ng		
36) 4-Chloro-3-methylphenol	8.81	107	201983	47.962	ng		95
37) 2-Methylnaphthalene	8.95	142	444605	50.324	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	235745	47.711	ng	#	95
40) Hexachlorocyclopentadiene	9.10	237	69420	27.307	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	141937	43.215	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	149328	43.571	ng		89
45) 1,1'-Biphenyl	9.41	154	533016	45.584	ng		98
46) 2-Chloronaphthalene	9.44	162	398085	43.251	ng		97
47) 2-Nitroaniline	9.55	65	121631	39.299	ng		97
48) Acenaphthylene	9.86	152	618979	42.596	ng		99
49) Dimethylphthalate	9.71	163	587118	53.354	ng		98
50) 2,6-Dinitrotoluene	9.78	165	113016	48.501	ng		92
51) Acenaphthene	10.03	154	371165	40.562	ng		98
52) 3-Nitroaniline	9.96	138	79762	29.746	ng		94
53) 2,4-Dinitrophenol	10.07	184	78322	65.674	ng	#	16
54) Dibenzofuran	10.21	168	564804	45.076	ng		96
55) 4-Nitrophenol	10.14	139	109009	58.241	ng		96
56) 2,4-Dinitrotoluene	10.20	165	142581	46.878	ng	#	85
57) Fluorene	10.55	166	445425	44.798	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	130463	47.888	ng	#	77
59) Diethylphthalate	10.41	149	439365	41.368	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	235112	45.193	ng	#	84
61) 4-Nitroaniline	10.58	138	98939	37.179	ng		94
62) Azobenzene	10.70	77	400207	38.264	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	65488	39.707	ng	#	66
65) n-Nitrosodiphenylamine	10.66	169	389306	43.380	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	158329	49.722	ng	#	82
67) Hexachlorobenzene	11.10	284	160228	48.077	ng	#	86
68) Atrazine	11.18	200	135691	47.562	ng		96
69) Pentachlorophenol	11.30	266	119455	71.834	ng		99
70) Phenanthrene	11.52	178	598332	46.494	ng		99
71) Anthracene	11.57	178	613060	46.673	ng		100
72) Carbazole	11.72	167	530975	43.176	ng		98
73) Di-n-butylphthalate	12.04	149	614481	42.413	ng		99
74) Fluoranthene	12.71	202	602975	42.511	ng		96
76) Benzidine	12.82	184	54039	9.185	ng		98
77) Pyrene	12.94	202	587432	43.119	ng		99
79) Butylbenzylphthalate	13.54	149	227580	40.630	ng	#	93
80) Benzo(a)anthracene	14.14	228	565797	44.936	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	128797	29.105	ng	#	95
82) Chrysene	14.18	228	520956	44.973	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	300680	41.988	ng	#	95
84) Di-n-octyl phthalate	14.74	149	513141	43.961	ng		95
85) Indeno(1,2,3-cd)pyrene	17.28	276	440105	44.770	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	515810	43.210	ng	#	95
88) Benzo(k)fluoranthene	15.27	252	490945	43.187	ng	#	95
89) Benzo(a)pyrene	15.63	252	469419	44.235	ng	#	95
90) Dibenzo(a,h)anthracene	17.29	278	369955	41.136	ng	#	92
91) Benzo(g,h,i)perylene	17.77	276	350405	39.862	ng	#	89

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

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