Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106967.D
Acq On : 29 Jun 2018 12:39
Operator : JU/SJ
Sample : J3709-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 29 14:06:38 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	71504	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	279884	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	144697	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	265776	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	200746	20.00	ng		-0.02
86) Perylene-d12	15.68	264	182301	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	361276	85.56	ng		0.00
7) Phenol-d6	6.60	99	458224	86.89	ng		-0.01
23) Nitrobenzene-d5	7.52	82	289346	57.45	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	151203	90.16	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	533140	57.61	ng		-0.02
78) Terphenyl-d14	13.07	244	537308	64.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	49053	22.595	ng		97
3) Pyridine	3.62	79	134299	22.810	ng		96
4) n-Nitrosodimethylamine	3.58	42	59625	23.844	ng		87
6) Aniline	6.62	93	135097	18.886	ng	#	78
8) 2-Chlorophenol	6.75	128	146866	31.710	ng		95
9) Benzaldehyde	6.51	77	86320	21.156	ng		99
10) Phenol	6.61	94	187698	31.189	ng		86
11) bis(2-Chloroethyl)ether	6.68	93	144843	29.154	ng		99
12) 1,3-Dichlorobenzene	6.90	146	165757	30.557	ng		98
13) 1,4-Dichlorobenzene	6.97	146	167276	30.501	ng		98
14) 1,2-Dichlorobenzene	7.12	146	157870	31.410	ng		96
15) Benzyl Alcohol	7.10	79	126423	29.857	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	201394	30.895	ng		51
17) 2-Methylphenol	7.21	107	125307	31.615	ng	#	93
18) Hexachloroethane	7.46	117	56146	29.112	ng	#	88
19) n-Nitroso-di-n-propylamine	7.36	70	99594	28.652	ng		92
20) 3+4-Methylphenols	7.37	107	157729	34.558	ng	#	77
22) Acetophenone	7.36	105	200279	31.985	ng	#	96
24) Nitrobenzene	7.54	77	156505	30.438	ng		99
25) Isophorone	7.77	82	283299	31.922	ng		99
26) 2-Nitrophenol	7.85	139	80813	33.293	ng		95
27) 2,4-Dimethylphenol	7.89	122	131682	35.099	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	181313	30.428	ng		99
29) 2,4-Dichlorophenol	8.10	162	136818	34.833	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	146711	33.906	ng		98
31) Naphthalene	8.26	128	424666	32.453	ng		99
32) Benzoic acid	8.01	122	61785	25.668	ng		98
33) 4-Chloroaniline	8.31	127	83158	15.146	ng		98
34) Hexachlorobutadiene	8.37	225	95347	33.818	ng		98
35) Caprolactam	8.68	113	40393	31.548	ng		98
36) 4-Chloro-3-methylphenol	8.80	107	138389	33.473	ng		95
37) 2-Methylnaphthalene	8.95	142	316140	36.450	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	164922	33.844	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	46656	18.609	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	101213	31.247 ng		97
43) 2,4,5-Trichlorophenol	9.28	196	103458	30.609 ng	#	85
45) 1,1'-Biphenyl	9.41	154	380060	32.958 ng		97
46) 2-Chloronaphthalene	9.44	162	276794	30.494 ng		95
47) 2-Nitroaniline	9.54	65	85850	28.126 ng		95
48) Acenaphthylene	9.86	152	438477	30.597 ng		99
49) Dimethylphthalate	9.71	163	405669	37.380 ng		97
50) 2,6-Dinitrotoluene	9.78	165	76344	33.221 ng	#	79
51) Acenaphthene	10.03	154	267521	29.645 ng		97
52) 3-Nitroaniline	9.95	138	55077	20.827 ng		95
53) 2,4-Dinitrophenol	10.07	184	50265	44.607 ng	#	18
54) Dibenzofuran	10.20	168	410003	33.180 ng		96
55) 4-Nitrophenol	10.13	139	71973	38.992 ng		96
56) 2,4-Dinitrotoluene	10.19	165	99878	33.297 ng	#	82
57) Fluorene	10.55	166	315078	32.132 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	89050	33.144 ng	#	79
59) Diethylphthalate	10.41	149	312343	29.819 ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	165639	32.284 ng	#	88
61) 4-Nitroaniline	10.57	138	63662	24.257 ng		96
62) Azobenzene	10.70	77	286190	27.746 ng		91
64) 4,6-Dinitro-2-methylphenol	10.60	198	44649	27.177 ng	#	68
65) n-Nitrosodiphenylamine	10.65	169	276205	30.897 ng		99
66) 4-Bromophenyl-phenylether	11.02	248	110907	34.966 ng	#	79
67) Hexachlorobenzene	11.10	284	112977	34.031 ng	#	82
68) Atrazine	11.18	200	94281	33.176 ng		94
69) Pentachlorophenol	11.30	266	73393	44.307 ng		98
70) Phenanthrene	11.51	178	427279	33.332 ng		99
71) Anthracene	11.57	178	441402	33.735 ng		100
72) Carbazole	11.72	167	368580	30.088 ng		97
73) Di-n-butylphthalate	12.03	149	446918	30.968 ng		99
74) Fluoranthene	12.71	202	421846	29.857 ng		95
77) Pyrene	12.94	202	413639	31.247 ng		100
79) Butylbenzylphthalate	13.54	149	157684	28.972 ng	#	97
80) Benzo(a)anthracene	14.13	228	377091	30.821 ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	69246	16.103 ng	#	96
82) Chrysene	14.17	228	362488	32.204 ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	211114	30.340 ng	#	97
84) Di-n-octyl phthalate	14.72	149	354013	31.211 ng		95
85) Indeno(1,2,3-cd)pyrene	17.27	276	295187	30.903 ng	#	89
87) Benzo(b)fluoranthene	15.22	252	366510	32.365 ng	#	96
88) Benzo(k)fluoranthene	15.26	252	321173	29.782 ng	#	94
89) Benzo(a)pyrene	15.62	252	321203	31.906 ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	247416	28.999 ng	#	92
91) Benzo(g,h,i)perylene	17.74	276	237809	28.517 ng	#	89

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

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