Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111418\
Data File : BM017650.D
Acq On : 14 Nov 2018 16:49
Operator : MJ/SJ
Sample : J5918-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FDSB-05(25-27)MSD

Manual Integrations APPROVED
Sohil
11/16/2018 10:17:10 AM

Quant Time: Nov 15 10:40:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	221073	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	924382	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	553243	20.00	ng		0.00
64) Phenanthrene-d10	17.01	188	1252190	20.00	ng		0.00
76) Chrysene-d12	21.21	240	1303744	20.00	ng		0.00
87) Perylene-d12	23.40	264	1114769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2177987	166.27	ng		0.00
7) Phenol-d6	6.81	99	2979601	162.86	ng		0.00
23) Nitrobenzene-d5	8.77	82	1856714	103.69	ng		0.00
42) 2,4,6-Tribromophenol	15.76	330	1297475	163.22	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	4139988	97.08	ng		0.00
79) Terphenyl-d14	19.66	244	6168467	107.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	186735	34.228	ng		100
3) Pyridine	3.61	79	581375	36.329	ng		100
4) n-Nitrosodimethylamine	3.53	42	320976	45.533	ng		97
6) Aniline	6.96	93	801515	35.328	ng		99
8) 2-Chlorophenol	7.19	128	725572	46.282	ng		99
9) Benzaldehyde	6.78	77	393488	29.524	ng		96
10) Phenol	6.83	94	1050687	54.714	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	638284	42.104	ng		98
12) 1,3-Dichlorobenzene	7.50	146	705175	40.092	ng		97
13) 1,4-Dichlorobenzene	7.65	146	723129	40.110	ng		99
14) 1,2-Dichlorobenzene	7.96	146	709157	40.567	ng		100
15) Benzyl Alcohol	7.86	79	653954	44.884	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	937896	40.635	ng		99
17) 2-Methylphenol	8.06	107	606761	46.903	ng		99
18) Hexachloroethane	8.67	117	258015	40.606	ng		97
19) n-Nitroso-di-n-propylamine	8.42	70	545071	41.493	ng		99
20) 3+4-Methylphenols	8.39	107	837267	46.582	ng		99
22) Acetophenone	8.44	105	1049553	45.492	ng	#	98
24) Nitrobenzene	8.81	77	810377	44.607	ng		99
25) Isophorone	9.33	82	1442719	52.167	ng		99
26) 2-Nitrophenol	9.51	139	393162	46.984	ng		99
27) 2,4-Dimethylphenol	9.58	122	650416	53.932	ng		98
28) bis(2-Chloroethoxy)methane	9.82	93	895772	47.824	ng		97
29) 2,4-Dichlorophenol	10.04	162	696386	49.744	ng		100
30) 1,2,4-Trichlorobenzene	10.25	180	706982	43.420	ng		97
31) Naphthalene	10.43	128	2148015	47.262	ng		100
32) Benzoic acid	9.67	122	31248m	2.860	ng		
33) 4-Chloroaniline	10.56	127	444663	22.340	ng		98
34) Hexachlorobutadiene	10.71	225	412937	40.852	ng		99
35) Caprolactam	11.36	113	222899m	43.235	ng		
36) 4-Chloro-3-methylphenol	11.69	107	778677	48.176	ng		98
37) 2-Methylnaphthalene	12.06	142	1589694	49.489	ng		100
38) 1-Methylnaphthalene	12.27	142	1510298	47.952	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	819091	41.985	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1009500	100.140	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	583017	47.711	ng	96
44) 2,4,5-Trichlorophenol	12.75	196	624073	48.369	ng	98
46) 1,1'-Biphenyl	13.09	154	2033767	40.954	ng	99
47) 2-Chloronaphthalene	13.12	162	1594213	43.251	ng	98
48) 2-Nitroaniline	13.35	65	537335	47.138	ng	98
49) Acenaphthylene	13.98	152	2624339	47.388	ng	100
50) Dimethylphthalate	13.73	163	2427058	53.958	ng	100
51) 2,6-Dinitrotoluene	13.85	165	461566	46.082	ng	99
52) Acenaphthene	14.32	154	1514054	44.548	ng	100
53) 3-Nitroaniline	14.19	138	362304	33.224	ng	97
54) 2,4-Dinitrophenol	14.39	184	181171	34.113	ng	99
55) Dibenzofuran	14.66	168	2461247	44.314	ng	99
56) 4-Nitrophenol	14.50	139	761341	82.870	ng	99
57) 2,4-Dinitrotoluene	14.65	165	653844	48.427	ng	98
58) Fluorene	15.32	166	2016590	47.427	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	583224	49.145	ng	99
60) Diethylphthalate	15.10	149	2072266	42.638	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1013932	41.971	ng	99
62) 4-Nitroaniline	15.36	138	476946	46.407	ng	98
63) Azobenzene	15.61	77	1982892	44.135	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	300325	34.621	ng	97
66) n-Nitrosodiphenylamine	15.53	169	1785213	44.343	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	628925	42.468	ng	97
68) Hexachlorobenzene	16.32	284	705940	42.284	ng	96
69) Atrazine	16.50	200	649537	43.866	ng	96
70) Pentachlorophenol	16.67	266	888957	75.993	ng	99
71) Phenanthrene	17.06	178	3180981	46.816	ng	100
72) Anthracene	17.15	178	3240332	49.008	ng	100
73) Carbazole	17.43	167	2948957	44.138	ng	99
74) Di-n-butylphthalate	17.99	149	3496530	47.013	ng	99
75) Fluoranthene	19.08	202	3689629	47.993	ng	99
77) Benzidine	19.28	184	2069951	48.756	ng	100
78) Pyrene	19.44	202	3796249	47.192	ng	100
80) Butylbenzylphthalate	20.36	149	1578216	48.304	ng	99
81) Benzo(a)anthracene	21.20	228	3585383	47.734	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	1044266	36.023	ng	99
83) Chrysene	21.25	228	3399507	46.599	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2220608	45.975	ng	99
85) Di-n-octyl phthalate	22.00	149	3708287	47.947	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	2952230	50.641	ng	99
88) Benzo(b)fluoranthene	22.75	252	3296944	50.501	ng	99
89) Benzo(k)fluoranthene	22.80	252	3036852	46.023	ng	99
90) Benzo(a)pyrene	23.31	252	2950162	49.561	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2502722	50.011	ng	100
92) Benzo(g,h,i)perylene	26.26	276	2384925	50.679	ng	98

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

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