Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
Data File : BM017627.D
Acq On : 13 Nov 2018 19:00
Operator : MJ/SJ
Sample : J5770-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-111218-AMSD

Manual Integrations APPROVED
Sohil
11/14/2018 5:18:15 PM

Quant Time: Nov 14 03:48:06 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	214678	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	897437	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	535519	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1241057	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1347310	20.00	ng	0.00
87) Perylene-d12	23.41	264	1167302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1446651	113.73	ng	0.00
7) Phenol-d6	6.81	99	1725271	97.11	ng	0.00
23) Nitrobenzene-d5	8.77	82	1422639	81.84	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	991407	128.84	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3256649	78.89	ng	0.00
79) Terphenyl-d14	19.66	244	5320370	89.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	189653	35.798	ng	# 1
3) Pyridine	3.63	79	503565	32.404	ng	100
4) n-Nitrosodimethylamine	3.54	42	316469	46.231	ng	98
6) Aniline	6.96	93	661938	30.045	ng	99
8) 2-Chlorophenol	7.19	128	721818	47.414	ng	97
9) Benzaldehyde	6.77	77	390904	30.204	ng	98
10) Phenol	6.83	94	730082	39.151	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	662309	44.991	ng	98
12) 1,3-Dichlorobenzene	7.50	146	744935	43.615	ng	98
13) 1,4-Dichlorobenzene	7.65	146	760281	43.427	ng	98
14) 1,2-Dichlorobenzene	7.96	146	753715	44.400	ng	98
15) Benzyl Alcohol	7.87	79	657772	46.491	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1001375	44.677	ng	100
17) 2-Methylphenol	8.06	107	588967	46.884	ng	99
18) Hexachloroethane	8.67	117	279635	45.320	ng	99
19) n-Nitroso-di-n-propylamine	8.43	70	585431	45.893	ng	100
20) 3+4-Methylphenols	8.39	107	782344	44.823	ng	98
22) Acetophenone	8.44	105	1117028	49.871	ng	99
24) Nitrobenzene	8.82	77	864341	49.006	ng	99
25) Isophorone	9.34	82	1532870	57.091	ng	99
26) 2-Nitrophenol	9.52	139	397717	48.956	ng	99
27) 2,4-Dimethylphenol	9.58	122	673927	57.560	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	946078	52.026	ng	98
29) 2,4-Dichlorophenol	10.05	162	715295	52.628	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	749521	47.415	ng	97
31) Naphthalene	10.44	128	2296790	52.053	ng	100
32) Benzoic acid	9.75	122	419484m	39.552	ng	
33) 4-Chloroaniline	10.57	127	199761	10.338	ng	99
34) Hexachlorobutadiene	10.72	225	441325	44.971	ng	98
35) Caprolactam	11.36	113	152251m	30.419	ng	
36) 4-Chloro-3-methylphenol	11.69	107	806026	51.366	ng	99
37) 2-Methylnaphthalene	12.06	142	1720562	55.172	ng	100
38) 1-Methylnaphthalene	12.28	142	1647779	53.888	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	886004	46.918	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1027322	105.281	ng	98
43) 2,4,6-Trichlorophenol	12.68	196	605198	51.166	ng	99
44) 2,4,5-Trichlorophenol	12.75	196	655518	52.487	ng	98
46) 1,1'-Biphenyl	13.09	154	2205744	45.887	ng	100
47) 2-Chloronaphthalene	13.13	162	1727041	48.405	ng	98
48) 2-Nitroaniline	13.35	65	584450	52.969	ng	99
49) Acenaphthylene	13.98	152	2870718	53.553	ng	99
50) Dimethylphthalate	13.73	163	2244527	51.551	ng	99
51) 2,6-Dinitrotoluene	13.86	165	510334	52.638	ng	99
52) Acenaphthene	14.33	154	1670667	50.783	ng	100
53) 3-Nitroaniline	14.19	138	366325	34.704	ng	99
54) 2,4-Dinitrophenol	14.40	184	628836	103.902	ng	98
55) Dibenzofuran	14.67	168	2703137	50.280	ng	98
56) 4-Nitrophenol	14.50	139	768502	86.205	ng	98
57) 2,4-Dinitrotoluene	14.65	165	735568	56.284	ng	99
58) Fluorene	15.32	166	2254904	54.787	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	624912	54.401	ng	99
60) Diethylphthalate	15.10	149	2317426	49.261	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1128500	48.260	ng	99
62) 4-Nitroaniline	15.36	138	515060	51.775	ng	97
63) Azobenzene	15.61	77	2216748	50.973	ng	99
65) 4,6-Dinitro-2-methylphenol	15.42	198	418907	48.725	ng	99
66) n-Nitrosodiphenylamine	15.54	169	1982365	49.682	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	715621	48.755	ng	96
68) Hexachlorobenzene	16.32	284	795020	48.047	ng	98
69) Atrazine	16.50	200	727523	49.573	ng	96
70) Pentachlorophenol	16.67	266	1026958	88.578	ng	99
71) Phenanthrene	17.06	178	3591722	53.335	ng	100
72) Anthracene	17.15	178	3670917	56.019	ng	100
73) Carbazole	17.43	167	3354295	50.656	ng	99
74) Di-n-butylphthalate	17.99	149	4000761	54.275	ng	100
75) Fluoranthene	19.08	202	4282123	56.199	ng	99
77) Benzidine	19.28	184	791413	18.038	ng	99
78) Pyrene	19.44	202	4393954	52.856	ng	100
80) Butylbenzylphthalate	20.36	149	1842988	54.584	ng	98
81) Benzo(a)anthracene	21.20	228	4251489	54.773	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	990124	33.051	ng	99
83) Chrysene	21.26	228	4026272	53.406	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2577174	51.632	ng	99
85) Di-n-octyl phthalate	22.01	149	4342893	54.336	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	3519189	58.415	ng	99
88) Benzo(b)fluoranthene	22.76	252	3928612	57.469	ng	100
89) Benzo(k)fluoranthene	22.80	252	3706910	53.650	ng	99
90) Benzo(a)pyrene	23.31	252	3553268	57.006	ng	99
91) Dibenzo(a,h)anthracene	25.61	278	2970311	56.683	ng	99
92) Benzo(g,h,i)perylene	26.27	276	2813248	57.090	ng	99

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

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