Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
Data File : BM017659.D
Acq On : 14 Nov 2018 22:15
Operator : MJ/SJ
Sample : J5889-09MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WALL-DMSD

Manual Integrations APPROVED
Sohil
11/15/2018 4:20:29 PM

Quant Time: Nov 15 04:14:28 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	7.61	152	249447	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	1006295	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	579457	20.00	ng		0.00
64) Phenanthrene-d10	17.01	188	1293333	20.00	ng		0.00
76) Chrysene-d12	21.21	240	1320786	20.00	ng		0.00
87) Perylene-d12	23.40	264	1124097	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2408708	162.96	ng		0.00
7) Phenol-d6	6.81	99	3283351	159.05	ng		0.00
23) Nitrobenzene-d5	8.77	82	2057169	105.54	ng		0.00
42) 2,4,6-Tribromophenol	15.76	330	1403237	168.54	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	4614407	103.31	ng		0.00
79) Terphenyl-d14	19.66	244	6517323	111.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	216358	35.147	ng		99
3) Pyridine	3.61	79	680706	37.698	ng		99
4) n-Nitrosodimethylamine	3.53	42	388637	48.860	ng		99
6) Aniline	6.96	93	820713	32.059	ng		99
8) 2-Chlorophenol	7.19	128	887552	50.174	ng		98
9) Benzaldehyde	6.77	77	510453	33.944	ng		99
10) Phenol	6.83	94	1267869	58.513	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	773571	45.224	ng		100
12) 1,3-Dichlorobenzene	7.50	146	869912	43.833	ng		98
13) 1,4-Dichlorobenzene	7.65	146	893673	43.932	ng		99
14) 1,2-Dichlorobenzene	7.96	146	869618	44.087	ng		99
15) Benzyl Alcohol	7.86	79	792608	48.212	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1146208	44.011	ng		99
17) 2-Methylphenol	8.06	107	731313	50.101	ng		99
18) Hexachloroethane	8.67	117	319133	44.512	ng		99
19) n-Nitroso-di-n-propylamine	8.42	70	669132	45.143	ng		98
20) 3+4-Methylphenols	8.39	107	1002427	49.427	ng		98
22) Acetophenone	8.44	105	1291478	51.422	ng	#	98
24) Nitrobenzene	8.81	77	986302	49.872	ng		98
25) Isophorone	9.33	82	1764423	58.606	ng		99
26) 2-Nitrophenol	9.51	139	478005	52.473	ng		98
27) 2,4-Dimethylphenol	9.58	122	783433	59.674	ng		99
28) bis(2-Chloroethoxy)methane	9.82	93	1090670	53.489	ng		98
29) 2,4-Dichlorophenol	10.04	162	853725	56.019	ng		98
30) 1,2,4-Trichlorobenzene	10.25	180	874153	49.317	ng		97
31) Naphthalene	10.43	128	2668203	53.929	ng		99
32) Benzoic acid	9.69	122	84430m	7.099	ng		
33) 4-Chloroaniline	10.56	127	274367	12.662	ng		99
34) Hexachlorobutadiene	10.71	225	506943	46.069	ng		98
35) Caprolactam	11.37	113	262115m	46.703	ng		
36) 4-Chloro-3-methylphenol	11.69	107	936812	53.242	ng		99
37) 2-Methylnaphthalene	12.05	142	1968472	56.293	ng		99
38) 1-Methylnaphthalene	12.27	142	1866341	54.433	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	998713	48.877	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1180790	111.833	ng	98
43) 2,4,6-Trichlorophenol	12.68	196	705768	55.144	ng	100
44) 2,4,5-Trichlorophenol	12.75	196	749084	55.431	ng	99
46) 1,1'-Biphenyl	13.09	154	2491613	47.904	ng	100
47) 2-Chloronaphthalene	13.12	162	1947412	50.443	ng	98
48) 2-Nitroaniline	13.35	65	633881	53.092	ng	98
49) Acenaphthylene	13.98	152	3198672	55.146	ng	100
50) Dimethylphthalate	13.73	163	3395321	72.069	ng	99
51) 2,6-Dinitrotoluene	13.85	165	555937	52.993	ng	98
52) Acenaphthene	14.32	154	1842134	51.749	ng	99
53) 3-Nitroaniline	14.19	138	359650	31.488	ng	100
54) 2,4-Dinitrophenol	14.39	184	357497	57.971	ng	97
55) Dibenzofuran	14.66	168	2961040	50.900	ng	98
56) 4-Nitrophenol	14.51	139	968556	99.591	ng	98
57) 2,4-Dinitrotoluene	14.64	165	783638	55.415	ng	98
58) Fluorene	15.32	166	2426697	54.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	696506	56.036	ng	99
60) Diethylphthalate	15.10	149	2492077	48.957	ng	99
61) 4-Chlorophenyl-phenylether	15.31	204	1217181	48.105	ng	98
62) 4-Nitroaniline	15.36	138	556703	51.717	ng	99
63) Azobenzene	15.60	77	2354739	50.040	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	427896	47.758	ng	98
66) n-Nitrosodiphenylamine	15.53	169	2125731	51.121	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	748085	48.907	ng	97
68) Hexachlorobenzene	16.32	284	834430	48.390	ng	97
69) Atrazine	16.50	200	746580	48.815	ng	98
70) Pentachlorophenol	16.67	266	1075644	89.027	ng	99
71) Phenanthrene	17.06	178	3736110	53.237	ng	100
72) Anthracene	17.14	178	3818353	55.913	ng	100
73) Carbazole	17.42	167	3500745	50.730	ng	100
74) Di-n-butylphthalate	17.99	149	4150266	54.027	ng	99
75) Fluoranthene	19.08	202	4288293	54.005	ng	99
77) Benzidine	19.28	184	2089182	48.574	ng	100
78) Pyrene	19.44	202	4377824	53.720	ng	100
80) Butylbenzylphthalate	20.36	149	1894653	57.241	ng	100
81) Benzo(a)anthracene	21.20	228	4136595	54.363	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	1084309	36.922	ng	100
83) Chrysene	21.25	228	3831164	51.838	ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	2672487	54.616	ng	99
85) Di-n-octyl phthalate	22.00	149	4441045	56.680	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	3366593	57.004	ng	99
88) Benzo(b)fluoranthene	22.75	252	3541221	53.793	ng	99
89) Benzo(k)fluoranthene	22.79	252	3572378	53.690	ng	100
90) Benzo(a)pyrene	23.31	252	3322521	55.353	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2866634	56.807	ng	100
92) Benzo(g,h,i)perylene	26.26	276	2721082	57.342	ng	99

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

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