Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111518\
Data File : BM017666.D
Acq On : 15 Nov 2018 18:35
Operator : MJ/SJ
Sample : PB114851BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Manual Integrations APPROVED
Sohil
11/16/2018 3:57:23 PM

Quant Time: Nov 16 10:25:57 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	236467	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	1019002	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	604369	20.00	ng		0.00
64) Phenanthrene-d10	17.02	188	1364221	20.00	ng		0.00
76) Chrysene-d12	21.22	240	1327044	20.00	ng		0.00
87) Perylene-d12	23.40	264	1128492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	3417238	243.89	ng		0.00
7) Phenol-d6	6.82	99	4734067	241.91	ng		0.01
23) Nitrobenzene-d5	8.77	82	2957135	149.82	ng		0.00
42) 2,4,6-Tribromophenol	15.77	330	2245524	258.58	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	7386630	158.56	ng		0.00
79) Terphenyl-d14	19.66	244	10455242	178.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	246772	42.288	ng		99
3) Pyridine	3.61	79	861700	50.341	ng		94
4) n-Nitrosodimethylamine	3.53	42	541307	71.789	ng		98
6) Aniline	6.96	93	928152	38.246	ng		99
8) 2-Chlorophenol	7.19	128	1404221	83.740	ng		99
9) Benzaldehyde	6.77	77	581915	40.820	ng		99
10) Phenol	6.84	94	1758860	85.629	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	1160931	71.595	ng		99
12) 1,3-Dichlorobenzene	7.50	146	1258843	66.912	ng		98
13) 1,4-Dichlorobenzene	7.65	146	1313323	68.105	ng		98
14) 1,2-Dichlorobenzene	7.96	146	1298621	69.451	ng		99
15) Benzyl Alcohol	7.87	79	1290981	82.837	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1597925	64.724	ng		96
17) 2-Methylphenol	8.06	107	1193565	86.257	ng		97
18) Hexachloroethane	8.67	117	483064	71.075	ng		98
19) n-Nitroso-di-n-propylamine	8.43	70	1079211	76.805	ng		97
20) 3+4-Methylphenols	8.40	107	1653729	86.017	ng		99
22) Acetophenone	8.44	105	2048515	80.547	ng	#	98
24) Nitrobenzene	8.82	77	1579096	78.850	ng		100
25) Isophorone	9.34	82	2883351	94.578	ng		100
26) 2-Nitrophenol	9.52	139	788048	85.430	ng		100
27) 2,4-Dimethylphenol	9.58	122	1365992	102.750	ng		99
28) bis(2-Chloroethoxy)methane	9.82	93	1801945	87.270	ng		99
29) 2,4-Dichlorophenol	10.05	162	1447606	93.803	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	1410045	78.559	ng		97
31) Naphthalene	10.43	128	4340900	86.643	ng		99
32) Benzoic acid	9.81	122	922018	76.562	ng		99
33) 4-Chloroaniline	10.56	127	267334	12.184	ng		99
34) Hexachlorobutadiene	10.71	225	830583	74.539	ng		100
35) Caprolactam	11.40	113	467363m	82.236	ng		
36) 4-Chloro-3-methylphenol	11.70	107	1635186	91.774	ng		97
37) 2-Methylnaphthalene	12.06	142	3357022	94.805	ng		99
38) 1-Methylnaphthalene	12.28	142	3188297	91.830	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1716274	80.532	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	2241252	203.520	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	1219864	91.383	ng	97
44) 2,4,5-Trichlorophenol	12.75	196	1299217	92.177	ng	97
46) 1,1'-Biphenyl	13.09	154	4340153	80.004	ng	99
47) 2-Chloronaphthalene	13.13	162	3375246	83.824	ng	99
48) 2-Nitroaniline	13.35	65	1066395	85.637	ng	98
49) Acenaphthylene	13.98	152	5650782	93.405	ng	100
50) Dimethylphthalate	13.74	163	4344561	88.417	ng	99
51) 2,6-Dinitrotoluene	13.86	165	992719	90.728	ng	99
52) Acenaphthene	14.33	154	3270875	88.098	ng	100
53) 3-Nitroaniline	14.19	138	326285	27.390	ng	96
54) 2,4-Dinitrophenol	14.40	184	1222572	173.845	ng	97
55) Dibenzofuran	14.66	168	5290019	87.187	ng	98
56) 4-Nitrophenol	14.52	139	1746252	168.545	ng	97
57) 2,4-Dinitrotoluene	14.65	165	1399147	94.863	ng	97
58) Fluorene	15.32	166	4385158	94.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	1252530	96.616	ng	99
60) Diethylphthalate	15.11	149	4488071	84.533	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	2207113	83.634	ng	99
62) 4-Nitroaniline	15.37	138	948214	84.457	ng	97
63) Azobenzene	15.61	77	4333604	88.297	ng	98
65) 4,6-Dinitro-2-methylphenol	15.42	198	816941	86.443	ng	98
66) n-Nitrosodiphenylamine	15.54	169	3843258	87.623	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	1407961	87.264	ng	97
68) Hexachlorobenzene	16.32	284	1538127	84.564	ng	99
69) Atrazine	16.50	200	1421527	88.117	ng	97
70) Pentachlorophenol	16.67	266	2009184	157.652	ng	99
71) Phenanthrene	17.06	178	6873018	92.846	ng	100
72) Anthracene	17.15	178	7041302	97.750	ng	99
73) Carbazole	17.43	167	6330584	86.972	ng	100
74) Di-n-butylphthalate	17.99	149	7671277	94.674	ng	100
75) Fluoranthene	19.08	202	7803695	93.170	ng	99
77) Benzidine	19.28	184	2430266	56.238	ng	100
78) Pyrene	19.44	202	7922890	96.762	ng	99
80) Butylbenzylphthalate	20.36	149	3379239	101.612	ng	98
81) Benzo(a)anthracene	21.20	228	7192765	94.081	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	1272675	43.131	ng	99
83) Chrysene	21.26	228	6706317	90.313	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	4763342	96.887	ng	99
85) Di-n-octyl phthalate	22.01	149	7758302	98.551	ng	98
86) Indeno(1,2,3-cd)pyrene	25.60	276	6146638	103.586	ng	100
88) Benzo(b)fluoranthene	22.76	252	6512766	98.547	ng	99
89) Benzo(k)fluoranthene	22.80	252	5976405	89.470	ng	100
90) Benzo(a)pyrene	23.32	252	5881134	97.598	ng	99
91) Dibenzo(a,h)anthracene	25.61	278	5183763	102.325	ng	99
92) Benzo(g,h,i)perylene	26.27	276	5012099	105.210	ng	99

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

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