Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015805.D
Acq On : 06 Jul 2018 17:03
Operator : SJ/JU
Sample : PB110790BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Manual Integrations APPROVED
Sohil
7/9/2018 1:55:41 PM

Quant Time: Jul 07 01:49:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	141514	20.00	ng		-0.01
21) Naphthalene-d8	11.13	136	550988	20.00	ng		-0.01
38) Acenaphthene-d10	14.93	164	279210	20.00	ng		0.00
63) Phenanthrene-d10	17.65	188	524871	20.00	ng		0.00
75) Chrysene-d12	21.76	240	422123	20.00	ng		0.00
86) Perylene-d12	24.16	264	368457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	836740	101.40	ng		0.00
7) Phenol-d6	7.46	99	1069692	94.69	ng		0.00
23) Nitrobenzene-d5	9.50	82	1130023	100.07	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	343445	94.14	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2352874	104.62	ng		0.00
78) Terphenyl-d14	20.22	244	2575780	113.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	122459	35.883	ng	#	100
3) Pyridine	4.01	79	328063	36.429	ng	#	78
4) n-Nitrosodimethylamine	3.92	42	299156	42.662	ng	#	45
6) Aniline	7.63	93	416086	30.381	ng		93
8) 2-Chlorophenol	7.87	128	469065	47.364	ng		97
9) Benzaldehyde	7.44	77	232329	32.630	ng		91
10) Phenol	7.49	94	537530	47.355	ng		90
11) bis(2-Chloroethyl)ether	7.72	93	385039	41.699	ng		88
12) 1,3-Dichlorobenzene	8.19	146	479296	43.651	ng	#	91
13) 1,4-Dichlorobenzene	8.35	146	487615	42.944	ng	#	95
14) 1,2-Dichlorobenzene	8.66	146	477429	43.476	ng	#	94
15) Benzyl Alcohol	8.56	79	419045	42.728	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	610484	60.538	ng		99
17) 2-Methylphenol	8.76	107	369204	46.948	ng	#	86
18) Hexachloroethane	9.39	117	201053	44.780	ng		94
19) n-Nitroso-di-n-propylamine	9.13	70	351896	38.760	ng	#	79
20) 3+4-Methylphenols	9.09	107	488472	44.718	ng		89
22) Acetophenone	9.15	105	660629	46.026	ng	#	87
24) Nitrobenzene	9.54	77	538133	48.954	ng		99
25) Isophorone	10.06	82	891393	51.716	ng		95
26) 2-Nitrophenol	10.25	139	241314	50.980	ng	#	64
27) 2,4-Dimethylphenol	10.30	122	403115	56.059	ng		87
28) bis(2-Chloroethoxy)methane	10.53	93	533350	47.495	ng		99
29) 2,4-Dichlorophenol	10.79	162	415822	52.212	ng		96
30) 1,2,4-Trichlorobenzene	10.99	180	452318	48.898	ng		98
31) Naphthalene	11.19	128	1359335	47.585	ng		100
32) Benzoic acid	10.49	122	260434m	40.906	ng		
33) 4-Chloroaniline	11.30	127	218706	18.778	ng	#	87
34) Hexachlorobutadiene	11.45	225	294805	47.753	ng		97
35) Caprolactam	12.12	113	106691m	40.394	ng		
36) 4-Chloro-3-methylphenol	12.41	107	433357	47.422	ng		89
37) 2-Methylnaphthalene	12.77	142	995822	49.004	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	486669	54.307	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	574810	130.581	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	307155	54.223	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	322599	52.719	ng	#	85
45) 1,1'-Biphenyl	13.77	154	1224355	50.718	ng		98
46) 2-Chloronaphthalene	13.82	162	942575	52.223	ng	#	92
47) 2-Nitroaniline	14.03	65	300594	47.757	ng	#	80
48) Acenaphthylene	14.66	152	1486024	50.611	ng		100
49) Dimethylphthalate	14.38	163	1133019	46.012	ng		100
50) 2,6-Dinitrotoluene	14.52	165	236973	49.357	ng	#	73
51) Acenaphthene	14.99	154	855419	46.819	ng		98
52) 3-Nitroaniline	14.85	138	124631	23.716	ng	#	73
53) 2,4-Dinitrophenol	15.06	184	226111	92.875	ng	#	91
54) Dibenzofuran	15.33	168	1356353	48.177	ng	#	88
55) 4-Nitrophenol	15.15	139	358909	92.540	ng	#	70
56) 2,4-Dinitrotoluene	15.30	165	324056	46.751	ng		91
57) Fluorene	15.97	166	1080135	46.525	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	262392	50.815	ng	#	100
59) Diethylphthalate	15.72	149	1144430	43.369	ng		97
60) 4-Chlorophenyl-phenylether	15.95	204	540730	45.263	ng		90
61) 4-Nitroaniline	16.00	138	225502	41.364	ng	#	42
62) Azobenzene	16.24	77	1215424	49.137	ng		83
64) 4,6-Dinitro-2-methylphenol	16.06	198	151889	47.602	ng		89
65) n-Nitrosodiphenylamine	16.17	169	899271	50.002	ng		97
66) 4-Bromophenyl-phenylether	16.84	248	314967	53.746	ng	#	85
67) Hexachlorobenzene	16.96	284	343637	52.475	ng	#	81
68) Atrazine	17.10	200	305334	51.614	ng		98
69) Pentachlorophenol	17.30	266	355922	87.836	ng		97
70) Phenanthrene	17.70	178	1490069	49.622	ng		99
71) Anthracene	17.79	178	1512898	51.303	ng		99
72) Carbazole	18.06	167	1287700	46.860	ng		98
73) Di-n-butylphthalate	18.57	149	1706650	46.077	ng	#	98
74) Fluoranthene	19.67	202	1511423	43.783	ng		98
76) Benzidine	19.85	184	515941	41.717	ng		99
77) Pyrene	20.03	202	1507886	57.345	ng		99
79) Butylbenzylphthalate	20.88	149	681191	53.592	ng	#	84
80) Benzo(a)anthracene	21.74	228	1343993	50.217	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	277921	28.902	ng		99
82) Chrysene	21.80	228	1247605	50.041	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	933711	49.717	ng		96
84) Di-n-octyl phthalate	22.55	149	1448907	47.314	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1359915	58.709	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1204758	48.974	ng	#	96
88) Benzo(k)fluoranthene	23.48	252	1152711	48.238	ng		99
89) Benzo(a)pyrene	24.06	252	1125541	51.977	ng		100
90) Dibenzo(a,h)anthracene	26.64	278	1156528	59.360	ng		97
91) Benzo(g,h,i)perylene	27.40	276	1100146	64.266	ng	#	94

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

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