Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028627.D
Acq On : 9 Sep 2017 22:54
Operator : SJ/JU
Sample : I5137-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-COMPMS

Manual Integrations APPROVED
Sohil
9/11/2017 2:41:53 PM

Quant Time: Sep 11 08:18:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	31547	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	131017	20.00	ng		-0.01
38) Acenaphthene-d10	14.95	164	93212	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	258756	20.00	ng		0.00
75) Chrysene-d12	22.03	240	316702	20.00	ng		0.00
86) Perylene-d12	25.53	264	310711	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	286133	152.72	ng		0.00
7) Phenol-d6	7.50	99	382131	140.61	ng		0.00
23) Nitrobenzene-d5	9.50	82	258072	90.45	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	250319	176.69	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	663263	93.09	ng		0.00
78) Terphenyl-d14	20.28	244	1264102	86.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	29212	38.116	ng		93
3) Pyridine	4.25	79	79929	33.586	ng		95
4) n-Nitrosodimethylamine	4.15	42	48976	43.184	ng		82
6) Aniline	7.66	93	92661	26.631	ng		98
8) 2-Chlorophenol	7.91	128	99804	47.188	ng		94
9) Benzaldehyde	7.47	77	19521	12.172	ng		91
10) Phenol	7.52	94	130886	44.463	ng		89
11) bis(2-Chloroethyl)ether	7.75	93	93409	43.157	ng		94
12) 1,3-Dichlorobenzene	8.22	146	101244	40.877	ng		93
13) 1,4-Dichlorobenzene	8.37	146	101730	41.657	ng		94
14) 1,2-Dichlorobenzene	8.69	146	102230	42.599	ng		97
15) Benzyl Alcohol	8.57	79	108634	50.427	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.85	45	184832	41.419	ng		98
17) 2-Methylphenol	8.78	107	90589	47.984	ng		93
18) Hexachloroethane	9.42	117	37874	39.476	ng		88
19) n-Nitroso-di-n-propylamine	9.13	70	89527	41.662	ng		87
20) 3+4-Methylphenols	9.10	107	127730	48.865	ng		94
22) Acetophenone	9.16	105	163311	44.868	ng	#	89
24) Nitrobenzene	9.55	77	133858	44.408	ng		93
25) Isophorone	10.06	82	250339	47.648	ng		100
26) 2-Nitrophenol	10.26	139	54509	43.605	ng		98
27) 2,4-Dimethylphenol	10.31	122	102160	45.249	ng		94
28) bis(2-Chloroethoxy)methane	10.53	93	135560	43.236	ng		98
29) 2,4-Dichlorophenol	10.80	162	110465	49.836	ng		93
30) 1,2,4-Trichlorobenzene	11.01	180	115379	42.303	ng		99
31) Naphthalene	11.20	128	305795	42.998	ng		99
32) Benzoic acid	10.46	122	54309	38.179	ng		94
33) 4-Chloroaniline	11.32	127	23342	7.786	ng		94
34) Hexachlorobutadiene	11.47	225	80372	40.782	ng		98
35) Caprolactam	12.10	113	39313m	46.856	ng		
36) 4-Chloro-3-methylphenol	12.42	107	138078	48.925	ng		92
37) 2-Methylnaphthalene	12.79	142	239020	45.582	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	147783	40.817	ng		98
40) Hexachlorocyclopentadiene	13.12	237	144049	89.621	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	106798	46.178	ng		91
43) 2,4,5-Trichlorophenol	13.47	196	118618	51.324	ng	#	92
45) 1,1'-Biphenyl	13.78	154	325293	41.565	ng		97
46) 2-Chloronaphthalene	13.83	162	251838	42.366	ng		98
47) 2-Nitroaniline	14.03	65	111669	46.076	ng		95
48) Acenaphthylene	14.67	152	422845	46.384	ng		96
49) Dimethylphthalate	14.39	163	380114	49.493	ng		98
50) 2,6-Dinitrotoluene	14.52	165	88577	52.645	ng	#	81
51) Acenaphthene	15.01	154	255573	45.779	ng		93
52) 3-Nitroaniline	14.86	138	44071	25.934	ng		83
53) 2,4-Dinitrophenol	15.07	184	76329	73.177	ng		95
54) Dibenzofuran	15.34	168	445269	51.599	ng		93
55) 4-Nitrophenol	15.17	139	120942	99.877	ng	#	81
56) 2,4-Dinitrotoluene	15.31	165	130044	53.628	ng	#	87
57) Fluorene	15.99	166	383778	48.652	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.57	232	119683	57.984	ng	#	95
59) Diethylphthalate	15.74	149	408378	50.749	ng		97
60) 4-Chlorophenyl-phenylether	15.97	204	213157	47.845	ng		90
61) 4-Nitroaniline	16.02	138	87719	47.681	ng		86
62) Azobenzene	16.27	77	377488	52.521	ng		92
64) 4,6-Dinitro-2-methylphenol	16.08	198	70379	38.298	ng		92
65) n-Nitrosodiphenylamine	16.19	169	340673	44.584	ng		100
66) 4-Bromophenyl-phenylether	16.87	248	152668	45.438	ng		97
67) Hexachlorobenzene	17.00	284	157540	42.606	ng	#	92
68) Atrazine	17.13	200	150667	54.664	ng		99
69) Pentachlorophenol	17.35	266	170424	99.029	ng		97
70) Phenanthrene	17.74	178	649466	47.199	ng		96
71) Anthracene	17.83	178	664081	47.457	ng		97
72) Carbazole	18.10	167	596838	47.675	ng	#	96
73) Di-n-butylphthalate	18.62	149	721461	47.458	ng	#	94
74) Fluoranthene	19.74	202	829699	47.230	ng		92
76) Benzidine	19.91	184	126584	19.674	ng		96
77) Pyrene	20.10	202	846108	45.043	ng		96
79) Butylbenzylphthalate	20.96	149	334009	45.968	ng		95
80) Benzo(a)anthracene	22.01	228	885169	46.680	ng		94
81) 3,3'-Dichlorobenzidine	21.91	252	198652	27.266	ng		98
82) Chrysene	22.08	228	825670	46.172	ng		94
83) Bis(2-ethylhexyl)phthalate	21.86	149	476137	45.481	ng		97
84) Di-n-octyl phthalate	23.16	149	825108	45.982	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.57	276	1061564	50.109	ng	#	98
87) Benzo(b)fluoranthene	24.41	252	914382m	46.984	ng		
88) Benzo(k)fluoranthene	24.49	252	871545	46.378	ng		93
89) Benzo(a)pyrene	25.37	252	880386	48.228	ng		95
90) Dibenzo(a,h)anthracene	29.63	278	902671	47.655	ng		99
91) Benzo(g,h,i)perylene	30.83	276	864741	46.548	ng		98

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

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