Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033685.D
Acq On : 9 Apr 2018 17:54
Operator : SJ/JU
Sample : J2282-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-L-6(20-22)MS

Manual Integrations APPROVED
Sohil
4/10/2018 3:36:37 PM

Quant Time: Apr 10 07:08:48 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42638	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	175453	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	123353	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	314244	20.00	ng		0.00
75) Chrysene-d12	22.55	240	317668	20.00	ng		0.00
86) Perylene-d12	26.31	264	346863	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	395115	173.76	ng		0.00
7) Phenol-d6	7.98	99	596738	152.74	ng		0.00
23) Nitrobenzene-d5	10.06	82	393577	103.06	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	267832	145.18	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	822588	96.27	ng		0.00
78) Terphenyl-d14	20.73	244	1343851	90.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	48247	41.781	ng		91
3) Pyridine	4.39	79	140849	44.123	ng		95
4) n-Nitrosodimethylamine	4.29	42	75342	57.513	ng	#	88
6) Aniline	8.15	93	132846	28.914	ng	#	87
8) 2-Chlorophenol	8.41	128	137732	52.983	ng		93
9) Benzaldehyde	7.96	77	40023	16.119	ng	#	80
10) Phenol	8.01	94	215802	55.945	ng		91
11) bis(2-Chloroethyl)ether	8.24	93	136003	43.195	ng		99
12) 1,3-Dichlorobenzene	8.75	146	147318	43.347	ng		96
13) 1,4-Dichlorobenzene	8.89	146	147110	43.221	ng		95
14) 1,2-Dichlorobenzene	9.22	146	149142	44.896	ng		96
15) Benzyl Alcohol	9.09	79	155615	50.588	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	259450	50.547	ng		90
17) 2-Methylphenol	9.30	107	130116	49.515	ng	#	87
18) Hexachloroethane	9.97	117	59360	45.187	ng		97
19) n-Nitroso-di-n-propylamine	9.67	70	129693	45.301	ng		97
20) 3+4-Methylphenols	9.63	107	183444	49.030	ng		87
22) Acetophenone	9.70	105	235199	48.930	ng	#	95
24) Nitrobenzene	10.10	77	198748	48.623	ng	#	94
25) Isophorone	10.62	82	383050	51.681	ng		98
26) 2-Nitrophenol	10.83	139	82217	53.128	ng	#	88
27) 2,4-Dimethylphenol	10.86	122	138668	61.682	ng		94
28) bis(2-Chloroethoxy)methane	11.10	93	196927	53.251	ng		98
29) 2,4-Dichlorophenol	11.37	162	145773	52.726	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	157830	43.939	ng		98
31) Naphthalene	11.79	128	435837	47.936	ng		98
32) Benzoic acid	10.96	122	10426m	4.989	ng		
33) 4-Chloroaniline	11.89	127	94024	23.082	ng	#	92
34) Hexachlorobutadiene	12.05	225	113664	41.844	ng		96
35) Caprolactam	12.64	113	57962	53.514	ng		94
36) 4-Chloro-3-methylphenol	12.96	107	191537	53.118	ng		97
37) 2-Methylnaphthalene	13.34	142	334774	47.439	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	207694	46.483	ng		97
40) Hexachlorocyclopentadiene	13.67	237	218068	83.253	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	134602	51.849	ng		93
43) 2,4,5-Trichlorophenol	14.00	196	158202	51.557	ng		97
45) 1,1'-Biphenyl	14.32	154	460649	48.607	ng		97
46) 2-Chloronaphthalene	14.37	162	348103	47.638	ng		96
47) 2-Nitroaniline	14.57	65	151035	55.184	ng		89
48) Acenaphthylene	15.21	152	579350	47.499	ng		99
49) Dimethylphthalate	14.90	163	611522	56.965	ng		100
50) 2,6-Dinitrotoluene	15.03	165	109462	49.868	ng		92
51) Acenaphthene	15.54	154	385662	49.049	ng		98
52) 3-Nitroaniline	15.37	138	73345	31.872	ng	#	97
53) 2,4-Dinitrophenol	15.57	184	52558	49.463	ng	#	79
54) Dibenzofuran	15.87	168	569360	49.023	ng		92
55) 4-Nitrophenol	15.66	139	184772	114.185	ng	#	83
56) 2,4-Dinitrotoluene	15.81	165	163826	50.690	ng		98
57) Fluorene	16.51	166	479820	48.494	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	148248	51.319	ng		97
59) Diethylphthalate	16.24	149	514078	49.317	ng		98
60) 4-Chlorophenyl-phenylether	16.48	204	263165	46.268	ng		99
61) 4-Nitroaniline	16.53	138	116068	49.806	ng		89
62) Azobenzene	16.78	77	520531	51.550	ng		96
64) 4,6-Dinitro-2-methylphenol	16.57	198	81001	43.088	ng		98
65) n-Nitrosodiphenylamine	16.70	169	440004	49.046	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	171476	46.464	ng	#	86
67) Hexachlorobenzene	17.51	284	175747	45.123	ng	#	87
68) Atrazine	17.62	200	190013	52.269	ng		95
69) Pentachlorophenol	17.85	266	215916	80.770	ng		99
70) Phenanthrene	18.25	178	789051	48.213	ng		98
71) Anthracene	18.34	178	820573	49.519	ng		99
72) Carbazole	18.60	167	740447	50.425	ng		96
73) Di-n-butylphthalate	19.09	149	876978	51.310	ng	#	98
74) Fluoranthene	20.20	202	991062	48.935	ng		98
76) Benzidine	20.36	184	438152	50.861	ng		100
77) Pyrene	20.56	202	983129	46.403	ng		99
79) Butylbenzylphthalate	21.41	149	400144	51.180	ng		99
80) Benzo(a)anthracene	22.53	228	961776	47.547	ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	205929	28.609	ng		99
82) Chrysene	22.61	228	922267	47.101	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	557903	51.765	ng		98
84) Di-n-octyl phthalate	23.74	149	967069	58.604	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	1097899	51.861	ng	#	70
87) Benzo(b)fluoranthene	25.10	252	945894	47.200	ng	#	98
88) Benzo(k)fluoranthene	25.19	252	954355	47.087	ng		98
89) Benzo(a)pyrene	26.14	252	945194	49.114	ng		98
90) Dibenzo(a,h)anthracene	30.76	278	908683	50.126	ng		97
91) Benzo(g,h,i)perylene	32.06	276	894594	49.835	ng		97

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

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