Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033686.D
Acq On : 9 Apr 2018 18:32
Operator : SJ/JU
Sample : J2282-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
4/10/2018 3:36:40 PM

Quant Time: Apr 10 07:12:37 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	41118	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	175776	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	122666	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	313288	20.00	ng		0.00
75) Chrysene-d12	22.55	240	315060	20.00	ng		0.00
86) Perylene-d12	26.31	264	343793	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	403927	184.20	ng		0.00
7) Phenol-d6	7.98	99	604579	160.46	ng		0.00
23) Nitrobenzene-d5	10.06	82	387166	101.20	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	250559	136.57	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	796502	93.74	ng		0.00
78) Terphenyl-d14	20.73	244	1309850	88.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	50267	45.139	ng		86
3) Pyridine	4.38	79	140206	45.545	ng		97
4) n-Nitrosodimethylamine	4.29	42	78804	62.379	ng	#	81
6) Aniline	8.15	93	131007	29.567	ng		92
8) 2-Chlorophenol	8.41	128	138038	55.064	ng		91
9) Benzaldehyde	7.96	77	41082m	17.157	ng		
10) Phenol	8.00	94	234569	63.058	ng		91
11) bis(2-Chloroethyl)ether	8.24	93	139280	45.871	ng		98
12) 1,3-Dichlorobenzene	8.74	146	147414	44.978	ng		94
13) 1,4-Dichlorobenzene	8.89	146	147713	45.003	ng		99
14) 1,2-Dichlorobenzene	9.23	146	150455	46.965	ng		97
15) Benzyl Alcohol	9.10	79	156712	52.828	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	258259	52.175	ng		92
17) 2-Methylphenol	9.30	107	127974	50.501	ng		95
18) Hexachloroethane	9.97	117	60114	47.452	ng		97
19) n-Nitroso-di-n-propylamine	9.67	70	133182	48.240	ng		97
20) 3+4-Methylphenols	9.63	107	182321	50.531	ng		88
22) Acetophenone	9.70	105	226114	46.954	ng	#	97
24) Nitrobenzene	10.10	77	198359	48.439	ng		93
25) Isophorone	10.62	82	378061	50.914	ng		100
26) 2-Nitrophenol	10.83	139	82165	52.997	ng	#	92
27) 2,4-Dimethylphenol	10.86	122	133743	59.382	ng		87
28) bis(2-Chloroethoxy)methane	11.10	93	195794	52.847	ng		96
29) 2,4-Dichlorophenol	11.37	162	151537	54.710	ng		99
30) 1,2,4-Trichlorobenzene	11.60	180	162291	45.098	ng		99
31) Naphthalene	11.80	128	437180	47.996	ng		97
32) Benzoic acid	10.97	122	15183m	7.252	ng		
33) 4-Chloroaniline	11.89	127	91621	22.451	ng	#	92
34) Hexachlorobutadiene	12.05	225	114492	42.071	ng		95
35) Caprolactam	12.63	113	56048	51.652	ng		91
36) 4-Chloro-3-methylphenol	12.96	107	188589	52.204	ng		95
37) 2-Methylnaphthalene	13.34	142	326987	46.250	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	207463	46.691	ng		99
40) Hexachlorocyclopentadiene	13.67	237	203042	77.950	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	133840	51.844	ng		98
43) 2,4,5-Trichlorophenol	14.00	196	152788	50.071	ng		98
45) 1,1'-Biphenyl	14.32	154	454388	48.215	ng		96
46) 2-Chloronaphthalene	14.37	162	346150	47.636	ng		95
47) 2-Nitroaniline	14.56	65	144518	53.098	ng		93
48) Acenaphthylene	15.21	152	564540	46.544	ng		99
49) Dimethylphthalate	14.90	163	614405	57.554	ng		99
50) 2,6-Dinitrotoluene	15.04	165	110897	50.805	ng		98
51) Acenaphthene	15.54	154	377285	48.253	ng		97
52) 3-Nitroaniline	15.38	138	75415	32.955	ng	#	90
53) 2,4-Dinitrophenol	15.57	184	50816	48.303	ng	#	80
54) Dibenzofuran	15.87	168	557250	48.249	ng		93
55) 4-Nitrophenol	15.66	139	181660	112.890	ng	#	83
56) 2,4-Dinitrotoluene	15.81	165	163203	50.780	ng		98
57) Fluorene	16.51	166	462837	47.039	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.08	232	151340	52.683	ng		95
59) Diethylphthalate	16.24	149	503902	48.611	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	254861	45.059	ng		98
61) 4-Nitroaniline	16.53	138	114818	49.546	ng	#	81
62) Azobenzene	16.78	77	507612	50.552	ng		96
64) 4,6-Dinitro-2-methylphenol	16.57	198	80071	42.723	ng		96
65) n-Nitrosodiphenylamine	16.70	169	429613	48.034	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	165479	44.976	ng	#	91
67) Hexachlorobenzene	17.51	284	170712	43.964	ng		97
68) Atrazine	17.62	200	186231	51.385	ng		94
69) Pentachlorophenol	17.85	266	211641	79.412	ng		98
70) Phenanthrene	18.25	178	774313	47.457	ng		99
71) Anthracene	18.34	178	807946	48.906	ng		99
72) Carbazole	18.60	167	730865	49.924	ng		97
73) Di-n-butylphthalate	19.09	149	871516	51.146	ng	#	98
74) Fluoranthene	20.20	202	983485	48.709	ng		97
76) Benzidine	20.36	184	404757	47.373	ng		98
77) Pyrene	20.56	202	991556	47.188	ng		99
79) Butylbenzylphthalate	21.41	149	400977	51.711	ng		99
80) Benzo(a)anthracene	22.53	228	970125	48.357	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	210170	29.440	ng		98
82) Chrysene	22.61	228	912263	46.976	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	558702	52.268	ng		98
84) Di-n-octyl phthalate	23.74	149	965131	58.971	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	1091827	52.001	ng	#	86
87) Benzo(b)fluoranthene	25.10	252	961947	48.430	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	942084	46.896	ng	#	98
89) Benzo(a)pyrene	26.14	252	945596	49.574	ng	#	96
90) Dibenzo(a,h)anthracene	30.76	278	899878	50.084	ng		97
91) Benzo(g,h,i)perylene	32.06	276	906518	50.951	ng	#	95

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

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