Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031918.D
Acq On : 4 Jan 2018 16:51
Operator : SJ/JU
Sample : J1025-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-105-1(40-42)MS

Manual Integrations APPROVED
Sohil
1/5/2018 11:54:59 AM

Quant Time: Jan 05 07:52:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	47068	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	198174	20.00	ng		-0.01
38) Acenaphthene-d10	15.42	164	137818	20.00	ng		-0.01
63) Phenanthrene-d10	18.15	188	360667	20.00	ng		0.00
75) Chrysene-d12	22.50	240	428760	20.00	ng		0.00
86) Perylene-d12	26.23	264	448176	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	307211	118.88	ng		0.00
7) Phenol-d6	7.89	99	400965	119.51	ng		0.00
23) Nitrobenzene-d5	9.99	82	208328	79.38	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	271774	129.24	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	666124	60.67	ng		0.00
78) Terphenyl-d14	20.69	244	1307777	69.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	29510	30.806	ng	#	75
3) Pyridine	4.31	79	79306	30.972	ng	#	80
4) n-Nitrosodimethylamine	4.22	42	37043	35.851	ng	#	77
6) Aniline	8.08	93	116855	27.070	ng		91
8) 2-Chlorophenol	8.33	128	118502	39.532	ng	#	81
9) Benzaldehyde	7.88	77	25643	12.693	ng		86
10) Phenol	7.92	94	153987	45.460	ng		94
11) bis(2-Chloroethyl)ether	8.17	93	95362	33.898	ng	#	79
12) 1,3-Dichlorobenzene	8.67	146	125521	33.719	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	129007	33.926	ng		94
14) 1,2-Dichlorobenzene	9.15	146	123760	34.348	ng		96
15) Benzyl Alcohol	9.02	79	96361	38.259	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.32	45	95555	41.710	ng		79
17) 2-Methylphenol	9.22	107	95880	39.559	ng		94
18) Hexachloroethane	9.91	117	39174	34.014	ng		87
19) n-Nitroso-di-n-propylamine	9.60	70	75964	33.153	ng	#	85
20) 3+4-Methylphenols	9.55	107	133997	38.900	ng		93
22) Acetophenone	9.63	105	166137	36.084	ng	#	87
24) Nitrobenzene	10.03	77	106304	39.302	ng	#	80
25) Isophorone	10.55	82	211735	37.478	ng	#	85
26) 2-Nitrophenol	10.75	139	70614	49.792	ng	#	84
27) 2,4-Dimethylphenol	10.79	122	121183	40.608	ng		89
28) bis(2-Chloroethoxy)methane	11.03	93	134417	35.458	ng	#	98
29) 2,4-Dichlorophenol	11.30	162	144355	41.205	ng		91
30) 1,2,4-Trichlorobenzene	11.52	180	145614	34.041	ng		99
31) Naphthalene	11.72	128	351871	35.182	ng		99
33) 4-Chloroaniline	11.81	127	128435	28.844	ng	#	93
34) Hexachlorobutadiene	11.99	225	98078	33.398	ng		98
35) Caprolactam	12.55	113	47900	45.106	ng	#	50
36) 4-Chloro-3-methylphenol	12.88	107	132793	41.041	ng	#	79
37) 2-Methylnaphthalene	13.28	142	293071	36.147	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	203592	35.072	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	220283	71.932	ng		92
42) 2,4,6-Trichlorophenol	13.86	196	135649	40.529	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.93	196	151429	40.826	ng	#	91
45) 1,1'-Biphenyl	14.26	154	416435	35.378	ng		95
46) 2-Chloronaphthalene	14.31	162	315367	35.125	ng		95
47) 2-Nitroaniline	14.49	65	74312	47.923	ng	#	58
48) Acenaphthylene	15.15	152	485583	33.806	ng		98
49) Dimethylphthalate	14.85	163	507842	41.828	ng		99
50) 2,6-Dinitrotoluene	14.97	165	100071	44.804	ng	#	65
51) Acenaphthene	15.49	154	309737	32.926	ng		98
52) 3-Nitroaniline	15.30	138	80612	36.993	ng	#	73
53) 2,4-Dinitrophenol	15.50	184	10741m	17.873	ng		
54) Dibenzofuran	15.81	168	510018	35.368	ng		98
55) 4-Nitrophenol	15.58	139	159492	89.927	ng	#	71
56) 2,4-Dinitrotoluene	15.75	165	141090	49.126	ng	#	62
57) Fluorene	16.46	166	409219	34.932	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.02	232	155524	42.977	ng	#	85
59) Diethylphthalate	16.19	149	418284	35.347	ng		97
60) 4-Chlorophenyl-phenylether	16.43	204	246478	34.387	ng		93
61) 4-Nitroaniline	16.46	138	99022	46.566	ng	#	77
62) Azobenzene	16.73	77	264109	34.801	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	58904	36.068	ng	#	68
65) n-Nitrosodiphenylamine	16.64	169	391236	32.661	ng		100
66) 4-Bromophenyl-phenylether	17.32	248	179068	34.334	ng		92
67) Hexachlorobenzene	17.45	284	183709	34.457	ng	#	89
68) Atrazine	17.57	200	178702	38.367	ng		97
69) Pentachlorophenol	17.79	266	264693	72.179	ng		99
70) Phenanthrene	18.19	178	703802	34.481	ng		99
71) Anthracene	18.28	178	725709	35.247	ng		99
72) Carbazole	18.54	167	666522	36.575	ng		99
73) Di-n-butylphthalate	19.05	149	712366	35.174	ng		99
74) Fluoranthene	20.16	202	919682	36.722	ng		96
76) Benzidine	20.32	184	441805	33.384	ng		98
77) Pyrene	20.51	202	927859	33.878	ng		98
79) Butylbenzylphthalate	21.38	149	332848	36.203	ng	#	74
80) Benzo(a)anthracene	22.48	228	951768	34.897	ng		99
81) 3,3'-Dichlorobenzidine	22.37	252	307778	29.106	ng	#	94
82) Chrysene	22.55	228	899279	34.848	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	459628	34.506	ng	#	98
84) Di-n-octyl phthalate	23.72	149	766514	34.169	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.57	276	1134555	34.270	ng	#	88
87) Benzo(b)fluoranthene	25.04	252	980193	35.233	ng	#	96
88) Benzo(k)fluoranthene	25.12	252	944262	33.916	ng	#	98
89) Benzo(a)pyrene	26.06	252	945979	35.504	ng	#	97
90) Dibenzo(a,h)anthracene	30.66	278	936317	34.026	ng	#	95
91) Benzo(g,h,i)perylene	30.57	276	1134555	34.921	ng	#	93

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

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