Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035665.D
Acq On : 16 Jul 2018 12:04
Operator : JU/SJ
Sample : J3542-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SOIL-1MSD

Manual Integrations APPROVED
Sohil
7/17/2018 4:57:16 PM

Quant Time: Jul 16 13:12:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53484	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	199831	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	145374	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	382925	20.00	ng		0.00
75) Chrysene-d12	21.69	240	398630	20.00	ng		0.00
86) Perylene-d12	24.91	264	392624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	437651	135.85	ng		0.00
7) Phenol-d6	7.22	99	590639	122.89	ng		0.00
23) Nitrobenzene-d5	9.22	82	464902	97.19	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	313989	163.87	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1007099	92.81	ng		0.00
78) Terphenyl-d14	20.02	244	1766107	97.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	50020	30.507	ng	#	73
3) Pyridine	3.96	79	120996	28.267	ng	#	71
4) n-Nitrosodimethylamine	3.86	42	63071	34.317	ng	#	87
6) Aniline	7.39	93	114405	18.364	ng		96
8) 2-Chlorophenol	7.63	128	149077	45.500	ng		97
9) Benzaldehyde	7.19	77	90179	30.578	ng		96
10) Phenol	7.25	94	195077	40.173	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	160469	42.197	ng		91
12) 1,3-Dichlorobenzene	7.95	146	164994m	41.701	ng		
13) 1,4-Dichlorobenzene	8.09	146	172385	42.881	ng		94
14) 1,2-Dichlorobenzene	8.42	146	163391	42.308	ng		98
15) Benzyl Alcohol	8.29	79	188937	43.288	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	183791	57.647	ng		73
17) 2-Methylphenol	8.50	107	148965	45.120	ng	#	92
18) Hexachloroethane	9.14	117	63198	41.116	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	156385	38.638	ng	#	85
20) 3+4-Methylphenols	8.83	107	207722	45.353	ng		93
22) Acetophenone	8.88	105	276924	44.563	ng	#	92
24) Nitrobenzene	9.26	77	224298	46.624	ng		91
25) Isophorone	9.78	82	441000	49.663	ng		98
26) 2-Nitrophenol	9.97	139	88562	51.834	ng	#	89
27) 2,4-Dimethylphenol	10.03	122	162314	56.123	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	234096	47.843	ng		95
29) 2,4-Dichlorophenol	10.51	162	181711	55.041	ng		89
30) 1,2,4-Trichlorobenzene	10.72	180	188485	46.560	ng		95
31) Naphthalene	10.91	128	497359	47.780	ng		98
32) Benzoic acid	10.18	122	85458	43.894	ng		94
33) 4-Chloroaniline	11.04	127	13072	2.881	ng	#	86
34) Hexachlorobutadiene	11.19	225	145813	46.191	ng		97
35) Caprolactam	11.79	113	47657m	33.638	ng		
36) 4-Chloro-3-methylphenol	12.14	107	223033	50.401	ng		95
37) 2-Methylnaphthalene	12.51	142	376514	48.550	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	252503	46.019	ng		98
40) Hexachlorocyclopentadiene	12.86	237	334451	116.227	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	169988	52.976	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	186592	51.981	ng		95
45) 1,1'-Biphenyl	13.52	154	530230	47.045	ng		99
46) 2-Chloronaphthalene	13.56	162	413924	47.215	ng		98
47) 2-Nitroaniline	13.76	65	156170	50.388	ng		97
48) Acenaphthylene	14.40	152	687859	46.839	ng		95
49) Dimethylphthalate	14.13	163	586316	46.033	ng		99
50) 2,6-Dinitrotoluene	14.25	165	133901	51.625	ng		96
51) Acenaphthene	14.74	154	405742	44.352	ng		99
52) 3-Nitroaniline	14.58	138	48193	18.179	ng	#	92
53) 2,4-Dinitrophenol	14.79	184	150241	109.957	ng	#	69
54) Dibenzofuran	15.08	168	677845	46.590	ng		95
55) 4-Nitrophenol	14.90	139	173957	92.143	ng		89
56) 2,4-Dinitrotoluene	15.04	165	196229	52.735	ng		93
57) Fluorene	15.72	166	561736	46.066	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	182161	52.927	ng		96
59) Diethylphthalate	15.49	149	588381	44.925	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	326609	45.571	ng		98
61) 4-Nitroaniline	15.75	138	129584	46.730	ng	#	79
62) Azobenzene	16.01	77	602465	46.636	ng		96
64) 4,6-Dinitro-2-methylphenol	15.81	198	108216	50.767	ng		83
65) n-Nitrosodiphenylamine	15.93	169	504984	46.331	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	220856	49.713	ng		93
67) Hexachlorobenzene	16.73	284	224582	49.089	ng		98
68) Atrazine	16.88	200	229560	51.154	ng		96
69) Pentachlorophenol	17.08	266	250369	89.847	ng		98
70) Phenanthrene	17.46	178	906568	47.446	ng		98
71) Anthracene	17.56	178	927743	48.763	ng		98
72) Carbazole	17.82	167	843796	46.700	ng		98
73) Di-n-butylphthalate	18.37	149	969126	45.389	ng	#	98
74) Fluoranthene	19.47	202	1174467	45.633	ng		96
76) Benzidine	19.65	184	68052	6.493	ng		98
77) Pyrene	19.83	202	1167538	46.320	ng		95
79) Butylbenzylphthalate	20.71	149	439827	48.795	ng		98
80) Benzo(a)anthracene	21.67	228	1181155	47.548	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	231505	26.727	ng	#	95
82) Chrysene	21.73	228	1098099	47.702	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	591601	48.277	ng		100
84) Di-n-octyl phthalate	22.78	149	1005552	49.008	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.59	276	1286409	50.474	ng	#	94
87) Benzo(b)fluoranthene	23.89	252	1109873	46.509	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	1090762	46.754	ng	#	96
89) Benzo(a)pyrene	24.76	252	1083682	48.813	ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	1057651	48.526	ng		96
91) Benzo(g,h,i)perylene	29.74	276	1058359	49.623	ng	#	93

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

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