Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037430.D
Acq On : 18 Oct 2018 21:52
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 8 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-MDL-SOIL-03-QT4-2018

Quant Time: Oct 19 07:00:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51206	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	236879	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	158212	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	392206	20.00	ng		0.00
76) Chrysene-d12	21.77	240	367333	20.00	ng		0.00
87) Perylene-d12	25.10	264	364929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	437923	142.98	ng		0.00
7) Phenol-d6	7.25	99	638877	137.95	ng		0.00
23) Nitrobenzene-d5	9.28	82	349093	82.56	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	249009	144.30	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	855983	81.59	ng		0.00
79) Terphenyl-d14	20.09	244	1340083	77.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	13323	8.578	ng	#	78
3) Pyridine	3.95	79	29805	7.613	ng		95
4) n-Nitrosodimethylamine	3.86	42	12087	8.668	ng	#	96
6) Aniline	7.43	93	29865	5.286	ng		98
8) 2-Chlorophenol	7.67	128	28488	7.951	ng		95
9) Benzaldehyde	7.25	77	20488	7.072	ng		94
10) Phenol	7.27	94	37999	7.776	ng		90
11) bis(2-Chloroethyl)ether	7.52	93	29053	7.828	ng		90
12) 1,3-Dichlorobenzene	8.00	146	31929	8.004	ng		99
13) 1,4-Dichlorobenzene	8.15	146	30881	7.568	ng		93
14) 1,2-Dichlorobenzene	8.47	146	29240	7.450	ng		96
15) Benzyl Alcohol	8.34	79	25405	7.424	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	50653	7.628	ng		99
17) 2-Methylphenol	8.54	107	25611	7.928	ng		94
18) Hexachloroethane	9.20	117	10204	7.336	ng		88
19) n-Nitroso-di-n-propylamine	8.91	70	22640	7.099	ng		92
20) 3+4-Methylphenols	8.86	107	35996	7.793	ng		97
22) Acetophenone	8.94	105	46578	7.840	ng	#	94
24) Nitrobenzene	9.32	77	34471	7.847	ng		98
25) Isophorone	9.84	82	64673	8.371	ng		98
26) 2-Nitrophenol	10.04	139	12943	6.540	ng	#	88
27) 2,4-Dimethylphenol	10.07	122	30954	8.761	ng		95
28) bis(2-Chloroethoxy)methane	10.33	93	41330	8.165	ng		95
29) 2,4-Dichlorophenol	10.56	162	29317	7.452	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	32593	7.618	ng		94
31) Naphthalene	10.98	128	99059	8.514	ng		98
32) Benzoic acid	10.13	122	7385	3.218	ng	#	81
33) 4-Chloroaniline	11.09	127	28631	5.237	ng		96
34) Hexachlorobutadiene	11.24	225	19397	7.650	ng		94
35) Caprolactam	11.85	113	10792	6.840	ng		90
36) 4-Chloro-3-methylphenol	12.19	107	33707	7.597	ng		97
37) 2-Methylnaphthalene	12.58	142	75310	8.879	ng		99
38) 1-Methylnaphthalene	12.80	142	72561	8.810	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	38868	7.616	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	19039	7.810	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	24100	7.069	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	29758	8.017	ng		98
46) 1,1'-Biphenyl	13.58	154	97781	7.463	ng		98
47) 2-Chloronaphthalene	13.62	162	77527	7.821	ng		96
48) 2-Nitroaniline	13.82	65	21670	7.209	ng		92
49) Acenaphthylene	14.46	152	131323	8.807	ng		97
50) Dimethylphthalate	14.19	163	102601	8.383	ng		99
51) 2,6-Dinitrotoluene	14.31	165	20344	7.514	ng		100
52) Acenaphthene	14.80	154	75856	8.260	ng		97
53) 3-Nitroaniline	14.65	138	18915	6.293	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	1229	8.069	ng		95
55) Dibenzofuran	15.13	168	127925	8.408	ng		95
56) 4-Nitrophenol	14.93	139	12873	5.786	ng		82
57) 2,4-Dinitrotoluene	15.10	165	27137	7.635	ng	#	96
58) Fluorene	15.79	166	103438	9.078	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	23228	7.308	ng		94
60) Diethylphthalate	15.54	149	104043	8.280	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	52990	7.979	ng		94
62) 4-Nitroaniline	15.80	138	21119	7.071	ng		92
63) Azobenzene	16.07	77	101720	8.484	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	5726	10.797	ng		90
66) n-Nitrosodiphenylamine	15.99	169	92918	7.876	ng		94
67) 4-Bromophenyl-phenylether	16.67	248	32039	7.439	ng		97
68) Hexachlorobenzene	16.78	284	33140	7.424	ng		96
69) Atrazine	16.93	200	31704	7.433	ng		95
70) Pentachlorophenol	17.12	266	10856	3.631	ng		93
71) Phenanthrene	17.53	178	173908	8.725	ng		96
72) Anthracene	17.62	178	175954	8.995	ng		97
73) Carbazole	17.89	167	156795	8.013	ng		100
74) Di-n-butylphthalate	18.43	149	174880	8.034	ng		99
75) Fluoranthene	19.53	202	201569	8.916	ng		99
77) Benzidine	19.72	184	21811	1.746	ng		100
78) Pyrene	19.89	202	207114	8.625	ng		95
80) Butylbenzylphthalate	20.77	149	71315	7.257	ng		95
81) Benzo(a)anthracene	21.75	228	188718	8.686	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	42606	5.059	ng		95
83) Chrysene	21.81	228	177908	8.515	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	103132	7.487	ng		98
85) Di-n-octyl phthalate	22.88	149	164318	7.315	ng		99
86) Indeno(1,2,3-cd)pyrene	28.92	276	157862	7.045	ng		99
88) Benzo(b)fluoranthene	24.04	252	165939	8.294	ng		97
89) Benzo(k)fluoranthene	24.10	252	174756	8.916	ng		98
90) Benzo(a)pyrene	24.94	252	162831	8.565	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	130759	7.456	ng	#	95
92) Benzo(g,h,i)perylene	30.12	276	137591	7.755	ng		98

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

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