Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037426.D
Acq On : 18 Oct 2018 19:16
Operator : JU/SJ
Sample : J5164-02
Misc : LOO 20 PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2018

Quant Time: Oct 19 06:59:11 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	53660	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	245926	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	162541	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	401881	20.00	ng		0.00
76) Chrysene-d12	21.77	240	366565	20.00	ng		0.00
87) Perylene-d12	25.10	264	375314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	460280	143.41	ng		0.00
7) Phenol-d6	7.25	99	668638	137.77	ng		0.00
23) Nitrobenzene-d5	9.29	82	361496	82.34	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	251370	141.79	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	879572	81.60	ng		0.00
79) Terphenyl-d14	20.09	244	1353865	78.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	27702	17.019	ng		95
3) Pyridine	3.94	79	76686	18.693	ng		96
4) n-Nitrosodimethylamine	3.86	42	33520	22.939	ng	#	99
6) Aniline	7.43	93	93794	15.842	ng		96
8) 2-Chlorophenol	7.66	128	77312	20.590	ng		97
9) Benzaldehyde	7.25	77	53216	17.529	ng		98
10) Phenol	7.28	94	106475	20.793	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	74837	19.242	ng		95
12) 1,3-Dichlorobenzene	7.99	146	80358	19.224	ng		98
13) 1,4-Dichlorobenzene	8.15	146	83479	19.524	ng		99
14) 1,2-Dichlorobenzene	8.46	146	77546	18.853	ng		97
15) Benzyl Alcohol	8.35	79	70857	19.759	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	138395	19.887	ng		98
17) 2-Methylphenol	8.53	107	71227	21.039	ng		95
18) Hexachloroethane	9.19	117	28352	19.450	ng		99
19) n-Nitroso-di-n-propylamine	8.91	70	63981	19.144	ng		99
20) 3+4-Methylphenols	8.86	107	99404	20.537	ng		96
22) Acetophenone	8.94	105	122569	19.873	ng	#	96
24) Nitrobenzene	9.33	77	90867	19.924	ng		94
25) Isophorone	9.84	82	177991	22.190	ng		95
26) 2-Nitrophenol	10.04	139	38849	18.909	ng		98
27) 2,4-Dimethylphenol	10.08	122	86576	23.601	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	110439	21.014	ng		95
29) 2,4-Dichlorophenol	10.56	162	85723	20.988	ng		100
30) 1,2,4-Trichlorobenzene	10.78	180	86768	19.535	ng		96
31) Naphthalene	10.98	128	258632	21.411	ng		99
32) Benzoic acid	10.16	122	37478	15.730	ng		98
33) 4-Chloroaniline	11.09	127	79378	13.986	ng		96
34) Hexachlorobutadiene	11.24	225	49654	18.863	ng		95
35) Caprolactam	11.86	113	31134	19.007	ng		98
36) 4-Chloro-3-methylphenol	12.19	107	93876	20.381	ng		96
37) 2-Methylnaphthalene	12.58	142	198845	22.582	ng		97
38) 1-Methylnaphthalene	12.79	142	188448	22.038	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	101317	19.325	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	55542	22.178 ng	98
43) 2,4,6-Trichlorophenol	13.17	196	70807	20.215 ng	97
44) 2,4,5-Trichlorophenol	13.24	196	78274	20.525 ng	97
46) 1,1'-Biphenyl	13.58	154	252825	18.782 ng	99
47) 2-Chloronaphthalene	13.62	162	204735	20.104 ng	98
48) 2-Nitroaniline	13.83	65	60631	19.632 ng	92
49) Acenaphthylene	14.47	152	342932	22.385 ng	99
50) Dimethylphthalate	14.19	163	271195	21.567 ng	99
51) 2,6-Dinitrotoluene	14.32	165	58013	20.855 ng	95
52) Acenaphthene	14.80	154	198803	21.071 ng	99
53) 3-Nitroaniline	14.65	138	53240	17.240 ng	95
54) 2,4-Dinitrophenol	14.85	184	9549	18.893 ng	91
55) Dibenzofuran	15.14	168	328687	21.027 ng	100
56) 4-Nitrophenol	14.93	139	45136	19.746 ng	98
57) 2,4-Dinitrotoluene	15.10	165	78268	21.435 ng	97
58) Fluorene	15.78	166	263710	22.528 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	70114	21.473 ng	99
60) Diethylphthalate	15.54	149	276815	21.443 ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	134700	19.742 ng	100
62) 4-Nitroaniline	15.81	138	63319	20.635 ng	97
63) Azobenzene	16.07	77	261519	21.232 ng	97
65) 4,6-Dinitro-2-methylphenol	15.86	198	26869	18.990 ng	96
66) n-Nitrosodiphenylamine	15.99	169	240551	19.899 ng	99
67) 4-Bromophenyl-phenylether	16.67	248	84530	19.153 ng	98
68) Hexachlorobenzene	16.78	284	85932	18.787 ng	98
69) Atrazine	16.93	200	88446	20.236 ng	98
70) Pentachlorophenol	17.12	266	42549	13.888 ng	94
71) Phenanthrene	17.53	178	448519	21.959 ng	97
72) Anthracene	17.62	178	456889	22.794 ng	99
73) Carbazole	17.89	167	408782	20.388 ng	99
74) Di-n-butylphthalate	18.43	149	479455	21.496 ng	99
75) Fluoranthene	19.53	202	528522	22.815 ng	99
77) Benzidine	19.72	184	83021	6.661 ng	96
78) Pyrene	19.90	202	530018	22.118 ng	97
80) Butylbenzylphthalate	20.77	149	203931	20.794 ng	97
81) Benzo(a)anthracene	21.75	228	480809	22.175 ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	119317	14.198 ng	97
83) Chrysene	21.82	228	447275	21.453 ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	282650	20.561 ng	99
85) Di-n-octyl phthalate	22.88	149	479474	21.390 ng	97
86) Indeno(1,2,3-cd)pyrene	28.93	276	464569	20.775 ng	99
88) Benzo(b)fluoranthene	24.03	252	463181	22.511 ng	97
89) Benzo(k)fluoranthene	24.11	252	448582	22.252 ng	99
90) Benzo(a)pyrene	24.94	252	439815	22.495 ng	99
91) Dibenzo(a,h)anthracene	29.00	278	382120	21.187 ng	97
92) Benzo(g,h,i)perylene	30.13	276	392226	21.496 ng	98

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

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