Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037427.D
Acq On : 18 Oct 2018 19:55
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 1 PPM
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:49 PM

Quant Time: Oct 19 08:12:42 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	53668	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	246727	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	165422	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	406766	20.00	ng		0.00
76) Chrysene-d12	21.77	240	374858	20.00	ng		0.00
87) Perylene-d12	25.11	264	364270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	425681	132.61	ng		0.00
7) Phenol-d6	7.25	99	629441	129.67	ng		0.00
23) Nitrobenzene-d5	9.28	82	364031	82.65	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	246838	136.81	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	899174	81.97	ng		0.00
79) Terphenyl-d14	20.09	244	1372732	78.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	2854	1.753	ng	#	86
3) Pyridine	3.96	79	3949	0.962	ng	#	67
4) n-Nitrosodimethylamine	3.87	42	1969	1.347	ng	#	49
6) Aniline	7.43	93	3186	0.538	ng	#	86
8) 2-Chlorophenol	7.66	128	3965	1.056	ng	#	80
9) Benzaldehyde	7.25	77	3564	1.174	ng		84
10) Phenol	7.27	94	5622	1.098	ng	#	28
11) bis(2-Chloroethyl)ether	7.52	93	3796	0.976	ng		89
12) 1,3-Dichlorobenzene	7.99	146	4368	1.045	ng		87
13) 1,4-Dichlorobenzene	8.14	146	4248	0.993	ng		97
14) 1,2-Dichlorobenzene	8.46	146	3878	0.943	ng		90
15) Benzyl Alcohol	8.35	79	3344	0.932	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.63	45	6996	1.005	ng		84
17) 2-Methylphenol	8.53	107	3003	0.887	ng	#	76
18) Hexachloroethane	9.19	117	1073	0.736	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	2861	0.856	ng	#	86
20) 3+4-Methylphenols	8.87	107	4292	0.887	ng		95
22) Acetophenone	8.94	105	6297	1.018	ng	#	91
24) Nitrobenzene	9.33	77	4886	1.068	ng	#	86
25) Isophorone	9.84	82	8491	1.055	ng	#	95
26) 2-Nitrophenol	10.04	139	1535	0.745	ng	#	88
27) 2,4-Dimethylphenol	10.08	122	3534	0.960	ng	#	83
28) bis(2-Chloroethoxy)methane	10.33	93	5326	1.010	ng	#	87
29) 2,4-Dichlorophenol	10.56	162	3317	0.809	ng		83
30) 1,2,4-Trichlorobenzene	10.79	180	4507	1.011	ng		95
31) Naphthalene	10.98	128	13811	1.140	ng	#	95
33) 4-Chloroaniline	11.09	127	3308	0.581	ng	#	92
34) Hexachlorobutadiene	11.25	225	2483	0.940	ng	#	86
35) Caprolactam	11.91	113	88	0.054	ng	#	5
36) 4-Chloro-3-methylphenol	12.19	107	3738	0.809	ng	#	97
37) 2-Methylnaphthalene	12.57	142	10244	1.160	ng		86
38) 1-Methylnaphthalene	12.79	142	10146	1.183	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	5241	0.982	ng		97
41) Hexachlorocyclopentadiene	12.91	237	2034	0.798	ng		87

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Data File : BG037427.D
Acq On : 18 Oct 2018 19:55
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 1 PPM
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
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Quant Time: Oct 19 08:12:42 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)
43) 2,4,6-Trichlorophenol	13.17	196	2980	0.836	ng	#	93
44) 2,4,5-Trichlorophenol	13.24	196	2968	0.765	ng	#	95
46) 1,1'-Biphenyl	13.58	154	14823	1.082	ng		99
47) 2-Chloronaphthalene	13.63	162	10706	1.033	ng		92
48) 2-Nitroaniline	13.83	65	2418	0.769	ng		93
49) Acenaphthylene	14.47	152	17008	1.091	ng	#	93
50) Dimethylphthalate	14.18	163	13436	1.050	ng	#	95
51) 2,6-Dinitrotoluene	14.32	165	2219	0.784	ng	#	83
52) Acenaphthene	14.80	154	10492	1.093	ng		94
53) 3-Nitroaniline	14.65	138	2122	0.675	ng		86
55) Dibenzofuran	15.14	168	17959	1.129	ng		95
56) 4-Nitrophenol	14.94	139	504	0.217	ng	#	62
57) 2,4-Dinitrotoluene	15.09	165	2321	0.625	ng	#	95
58) Fluorene	15.78	166	13491	1.132	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	15.35	232	2393	0.720	ng	#	93
60) Diethylphthalate	15.54	149	13076	0.995	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	6697	0.964	ng		92
62) 4-Nitroaniline	15.80	138	1789	0.573	ng		86
63) Azobenzene	16.06	77	12187	0.972	ng		97
66) n-Nitrosodiphenylamine	15.99	169	11085	0.906	ng	#	85
67) 4-Bromophenyl-phenylether	16.67	248	4459	0.998	ng		90
68) Hexachlorobenzene	16.78	284	4492	0.970	ng		90
69) Atrazine	16.92	200	3731	0.843	ng		93
70) Pentachlorophenol	17.12	266	460	0.148	ng	#	42
71) Phenanthrene	17.53	178	24326	1.177	ng		98
72) Anthracene	17.62	178	22233	1.096	ng		99
73) Carbazole	17.89	167	18051	0.889	ng		94
74) Di-n-butylphthalate	18.43	149	19766	0.876	ng	#	97
75) Fluoranthene	19.53	202	25306	1.079	ng		97
77) Benzidine	19.72	184	1747	0.137	ng	#	85
78) Pyrene	19.90	202	25074	1.023	ng		97
80) Butylbenzylphthalate	20.77	149	7591	0.757	ng		94
81) Benzo(a)anthracene	21.75	228	23990	1.082	ng		95
82) 3,3'-Dichlorobenzidine	21.66	252	4328	0.504	ng		96
83) Chrysene	21.82	228	22466	1.054	ng		96
84) Bis(2-ethylhexyl)phthalate	21.63	149	10515	0.748	ng		97
85) Di-n-octyl phthalate	22.88	149	15338	0.669	ng		95
86) Indeno(1,2,3-cd)pyrene	28.91	276	17332m	0.758	ng		
88) Benzo(b)fluoranthene	24.03	252	20901	1.047	ng		96
89) Benzo(k)fluoranthene	24.10	252	21010m	1.074	ng		
90) Benzo(a)pyrene	24.94	252	18310	0.965	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	11361	0.649	ng	#	90
92) Benzo(g,h,i)perylene	30.11	276	15439	0.872	ng	#	88

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

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Misc : MDL 1 PPM
ALS Vial : 9 Sample Multiplier: 1

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