Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037456.D
Acq On : 19 Oct 2018 16:36
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 8PPM
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:18 PM

Quant Time: Oct 20 01:25:58 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	53626	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	245331	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	164056	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	395711	20.00	ng	0.00
76) Chrysene-d12	21.77	240	369779	20.00	ng	0.00
87) Perylene-d12	25.11	264	366700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	454286	141.63	ng	0.00
7) Phenol-d6	7.25	99	667104	137.54	ng	0.00
23) Nitrobenzene-d5	9.29	82	367185	83.84	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	251981	140.82	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	895721	82.33	ng	0.00
79) Terphenyl-d14	20.09	244	1344431	77.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	11482	7.059	ng	# 92
3) Pyridine	3.94	79	31898	7.780	ng	90
4) n-Nitrosodimethylamine	3.86	42	13875	9.501	ng	# 78
6) Aniline	7.43	93	34264	5.791	ng	95
8) 2-Chlorophenol	7.67	128	30446	8.114	ng	96
9) Benzaldehyde	7.25	77	21459	7.073	ng	94
10) Phenol	7.27	94	41041	8.020	ng	92
11) bis(2-Chloroethyl)ether	7.52	93	29934	7.702	ng	92
12) 1,3-Dichlorobenzene	7.99	146	32625	7.810	ng	92
13) 1,4-Dichlorobenzene	8.15	146	32853	7.688	ng	96
14) 1,2-Dichlorobenzene	8.46	146	31302	7.615	ng	96
15) Benzyl Alcohol	8.35	79	26678	7.444	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	56093	8.066	ng	95
17) 2-Methylphenol	8.53	107	26977	7.974	ng	95
18) Hexachloroethane	9.19	117	11587	7.954	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	24521	7.342	ng	95
20) 3+4-Methylphenols	8.86	107	37026	7.654	ng	96
22) Acetophenone	8.93	105	49742	8.084	ng	# 95
24) Nitrobenzene	9.32	77	37112	8.157	ng	100
25) Isophorone	9.84	82	69172	8.644	ng	99
26) 2-Nitrophenol	10.03	139	14534	7.091	ng	94
27) 2,4-Dimethylphenol	10.07	122	32270	8.818	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	42525	8.111	ng	97
29) 2,4-Dichlorophenol	10.57	162	30226	7.418	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	34071	7.690	ng	97
31) Naphthalene	10.98	128	102423	8.500	ng	97
32) Benzoic acid	10.13	122	9631m	4.052	ng	
33) 4-Chloroaniline	11.09	127	30248	5.342	ng	94
34) Hexachlorobutadiene	11.24	225	19757	7.523	ng	95
35) Caprolactam	11.85	113	10428	6.382	ng	96
36) 4-Chloro-3-methylphenol	12.18	107	34863	7.587	ng	98
37) 2-Methylnaphthalene	12.58	142	79763	9.081	ng	97
38) 1-Methylnaphthalene	12.79	142	73349	8.598	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	40555	7.664	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	20815	8.235	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	25073m	7.092	ng		
44) 2,4,5-Trichlorophenol	13.24	196	29329	7.620	ng		96
46) 1,1'-Biphenyl	13.58	154	103478	7.616	ng		98
47) 2-Chloronaphthalene	13.62	162	83226	8.097	ng		95
48) 2-Nitroaniline	13.83	65	22367	7.176	ng		95
49) Acenaphthylene	14.46	152	135409	8.757	ng		99
50) Dimethylphthalate	14.19	163	108044	8.513	ng		99
51) 2,6-Dinitrotoluene	14.32	165	21660	7.715	ng		96
52) Acenaphthene	14.80	154	77529	8.141	ng		99
53) 3-Nitroaniline	14.65	138	18907	6.066	ng		92
54) 2,4-Dinitrophenol	14.85	184	1847	8.917	ng		91
55) Dibenzofuran	15.13	168	133404	8.455	ng		100
56) 4-Nitrophenol	14.93	139	12557	5.443	ng		91
57) 2,4-Dinitrotoluene	15.10	165	28115	7.629	ng	#	99
58) Fluorene	15.78	166	103957	8.799	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	24239	7.355	ng		96
60) Diethylphthalate	15.54	149	107482	8.249	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	55432	8.049	ng		96
62) 4-Nitroaniline	15.80	138	21519	6.948	ng		93
63) Azobenzene	16.07	77	105288	8.469	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	6826	11.212	ng		91
66) n-Nitrosodiphenylamine	15.99	169	94511	7.940	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	32383	7.452	ng		97
68) Hexachlorobenzene	16.78	284	34133	7.579	ng		99
69) Atrazine	16.92	200	32214	7.485	ng		98
70) Pentachlorophenol	17.12	266	11738	3.891	ng		92
71) Phenanthrene	17.53	178	178524	8.877	ng		97
72) Anthracene	17.62	178	178289	9.034	ng		98
73) Carbazole	17.89	167	156048	7.904	ng		96
74) Di-n-butylphthalate	18.43	149	176905	8.055	ng		99
75) Fluoranthene	19.53	202	200675	8.798	ng		99
77) Benzidine	19.72	184	21876	1.740	ng		95
78) Pyrene	19.89	202	204312	8.452	ng		96
80) Butylbenzylphthalate	20.77	149	71373	7.214	ng		96
81) Benzo(a)anthracene	21.75	228	188008	8.596	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	42977	5.069	ng		95
83) Chrysene	21.82	228	176546	8.394	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	99747	7.193	ng		99
85) Di-n-octyl phthalate	22.88	149	160483	7.097	ng		97
86) Indeno(1,2,3-cd)pyrene	28.92	276	151305	6.707	ng	#	75
88) Benzo(b)fluoranthene	24.03	252	166917	8.303	ng		96
89) Benzo(k)fluoranthene	24.10	252	170059	8.634	ng		97
90) Benzo(a)pyrene	24.94	252	158273	8.285	ng		96
91) Dibenzo(a,h)anthracene	29.00	278	123652	7.017	ng		98
92) Benzo(g,h,i)perylene	30.12	276	133376	7.481	ng		97

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

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