Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037453.D
Acq On : 19 Oct 2018 14:39
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 1PPM
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 20 00:53:04 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

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

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52048	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	241245	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	164360	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	398304	20.00	ng		0.00
76) Chrysene-d12	21.77	240	370378	20.00	ng		0.00
87) Perylene-d12	25.11	264	353842	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	419219	134.66	ng		0.00
7) Phenol-d6	7.25	99	616887	131.04	ng		0.00
23) Nitrobenzene-d5	9.28	82	357758	83.07	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	243856	136.03	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	885819	81.27	ng		0.00
79) Terphenyl-d14	20.09	244	1355341	78.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	1418	0.898	ng	#	40
3) Pyridine	3.96	79	3299	0.829	ng	#	54
4) n-Nitrosodimethylamine	3.88	42	1039	0.733	ng	#	51
6) Aniline	7.43	93	3465	0.603	ng		93
8) 2-Chlorophenol	7.66	128	4124	1.132	ng		84
9) Benzaldehyde	7.25	77	3555	1.207	ng	#	84
10) Phenol	7.28	94	5214	1.050	ng		92
11) bis(2-Chloroethyl)ether	7.52	93	3577	0.948	ng		89
12) 1,3-Dichlorobenzene	7.99	146	4335m	1.069	ng		
13) 1,4-Dichlorobenzene	8.14	146	4453	1.074	ng		93
14) 1,2-Dichlorobenzene	8.46	146	3866	0.969	ng		94
15) Benzyl Alcohol	8.35	79	3026	0.870	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	7037	1.043	ng		96
17) 2-Methylphenol	8.53	107	3189	0.971	ng	#	84
18) Hexachloroethane	9.19	117	1455	1.029	ng	#	31
19) n-Nitroso-di-n-propylamine	8.90	70	3095	0.955	ng	#	91
20) 3+4-Methylphenols	8.86	107	4574	0.974	ng		84
22) Acetophenone	8.93	105	6766	1.118	ng	#	88
24) Nitrobenzene	9.32	77	4637	1.036	ng		96
25) Isophorone	9.84	82	8358	1.062	ng		97
26) 2-Nitrophenol	10.04	139	1614	0.801	ng	#	70
27) 2,4-Dimethylphenol	10.07	122	3354	0.932	ng	#	77
28) bis(2-Chloroethoxy)methane	10.33	93	5532	1.073	ng		95
29) 2,4-Dichlorophenol	10.57	162	3137	0.783	ng	#	74
30) 1,2,4-Trichlorobenzene	10.78	180	4384	1.006	ng	#	82
31) Naphthalene	10.98	128	13653	1.152	ng	#	92
33) 4-Chloroaniline	11.09	127	3129	0.562	ng	#	79
34) Hexachlorobutadiene	11.24	225	2526	0.978	ng	#	86
35) Caprolactam	11.85	113	952	0.592	ng	#	75
36) 4-Chloro-3-methylphenol	12.19	107	4041	0.894	ng		93
37) 2-Methylnaphthalene	12.58	142	9834	1.138	ng		90
38) 1-Methylnaphthalene	12.79	142	9496	1.132	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	5354	1.010	ng	#	97
41) Hexachlorocyclopentadiene	12.91	237	2087	0.824	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.16	196	2768	0.782	ng		89
44) 2,4,5-Trichlorophenol	13.23	196	2869	0.744	ng		92
46) 1,1'-Biphenyl	13.58	154	14853	1.091	ng		96
47) 2-Chloronaphthalene	13.62	162	10310	1.001	ng	#	88
48) 2-Nitroaniline	13.83	65	2419	0.775	ng	#	72
49) Acenaphthylene	14.46	152	16303	1.052	ng		100
50) Dimethylphthalate	14.19	163	13053	1.027	ng		96
51) 2,6-Dinitrotoluene	14.32	165	1950	0.693	ng	#	75
52) Acenaphthene	14.80	154	9865	1.034	ng		94
53) 3-Nitroaniline	14.65	138	1938	0.621	ng	#	96
55) Dibenzofuran	15.14	168	17189	1.087	ng		96
56) 4-Nitrophenol	14.94	139	696	0.301	ng	#	48
57) 2,4-Dinitrotoluene	15.10	165	2633	0.713	ng	#	89
58) Fluorene	15.78	166	13919	1.176	ng	#	83
59) 2,3,4,6-Tetrachlorophenol	15.35	232	2268	0.687	ng	#	95
60) Diethylphthalate	15.54	149	12570	0.963	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	6763	0.980	ng		90
62) 4-Nitroaniline	15.81	138	1765	0.569	ng	#	78
63) Azobenzene	16.07	77	12302	0.988	ng		94
66) n-Nitrosodiphenylamine	15.98	169	11071	0.924	ng		92
67) 4-Bromophenyl-phenylether	16.67	248	4026	0.920	ng		95
68) Hexachlorobenzene	16.78	284	4420	0.975	ng		97
69) Atrazine	16.92	200	3729	0.861	ng		77
70) Pentachlorophenol	17.13	266	494	0.163	ng	#	46
71) Phenanthrene	17.53	178	23290	1.151	ng		96
72) Anthracene	17.62	178	22581m	1.137	ng		
73) Carbazole	17.89	167	17615	0.886	ng		97
74) Di-n-butylphthalate	18.43	149	19548	0.884	ng		97
75) Fluoranthene	19.53	202	24807	1.080	ng		95
77) Benzidine	19.72	184	2120	0.168	ng	#	84
78) Pyrene	19.90	202	25012	1.033	ng		98
80) Butylbenzylphthalate	20.77	149	7190	0.726	ng		99
81) Benzo(a)anthracene	21.75	228	23729m	1.083	ng		
82) 3,3'-Dichlorobenzidine	21.67	252	4147	0.488	ng	#	88
83) Chrysene	21.81	228	23688	1.124	ng		90
84) Bis(2-ethylhexyl)phthalate	21.63	149	10452	0.753	ng	#	96
85) Di-n-octyl phthalate	22.88	149	16143	0.713	ng	#	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	12000m	0.531	ng		
88) Benzo(b)fluoranthene	24.03	252	19722	1.017	ng		97
89) Benzo(k)fluoranthene	24.11	252	20668m	1.087	ng		
90) Benzo(a)pyrene	24.94	252	17970	0.975	ng	#	91
91) Dibenzo(a,h)anthracene	29.00	278	11888m	0.699	ng		
92) Benzo(g,h,i)perylene	30.13	276	14281	0.830	ng	#	93

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

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