Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
Data File : BG044695.D
Acq On : 6 Mar 2020 13:18
Operator : CG/JU
Sample : L1161-02
Misc : LOO-SOIL 10PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 09 10:46:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 03:42:13 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Manual Integrations APPROVED
mohammad
3/9/2020 3:07:51 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	75969	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	306008	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	216978	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	493364	20.00	ng		0.00
76) Chrysene-d12	21.71	240	452725	20.00	ng		0.00
87) Perylene-d12	24.94	264	516738	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	663636	131.19	ng		0.00
7) Phenol-d6	7.21	99	976301	127.69	ng		0.00
23) Nitrobenzene-d5	9.22	82	698934	103.99	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	426441	143.08	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1450517	93.12	ng		0.00
79) Terphenyl-d14	20.06	244	2222912	87.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	19835	8.180	ng		96
3) Pyridine	3.93	79	51566	6.859	ng		93
4) n-Nitrosodimethylamine	3.84	42	22721	7.145	ng		83
6) Aniline	7.38	93	83855	8.755	ng		97
8) 2-Chlorophenol	7.62	128	45251	8.826	ng		96
9) Benzaldehyde	7.19	77	56916	12.682	ng		98
10) Phenol	7.24	94	63959	8.492	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	50841	8.785	ng		95
12) 1,3-Dichlorobenzene	7.95	146	53038	8.699	ng		95
13) 1,4-Dichlorobenzene	8.09	146	51300	8.422	ng		99
14) 1,2-Dichlorobenzene	8.42	146	50605	8.789	ng		99
15) Benzyl Alcohol	8.29	79	53895	8.171	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	92075	8.421	ng		94
17) 2-Methylphenol	8.49	107	44570	8.636	ng		91
18) Hexachloroethane	9.16	117	20699	8.472	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	51175	8.959	ng		93
20) 3+4-Methylphenols	8.82	107	62065	8.633	ng		98
22) Acetophenone	8.88	105	88766	9.937	ng	#	96
24) Nitrobenzene	9.26	77	70136	9.843	ng		91
25) Isophorone	9.79	82	136446	9.206	ng		97
26) 2-Nitrophenol	9.98	139	20547	8.818	ng		91
27) 2,4-Dimethylphenol	10.03	122	48339	10.396	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	74038	8.873	ng	#	95
29) 2,4-Dichlorophenol	10.51	162	46134	8.720	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	53957	8.779	ng		93
31) Naphthalene	10.92	128	157393	9.165	ng		97
32) Benzoic acid	10.09	122	18420m	5.648	ng		
33) 4-Chloroaniline	11.01	127	70944	8.969	ng		94
34) Hexachlorobutadiene	11.22	225	33467	7.970	ng		98
35) Caprolactam	11.76	113	20821	9.427	ng	#	76
36) 4-Chloro-3-methylphenol	12.13	107	59499	8.880	ng		99
37) 2-Methylnaphthalene	12.52	142	121390	9.367	ng		99
38) 1-Methylnaphthalene	12.74	142	115391	9.419	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	64745	9.192	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	42031	10.204	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	41005	8.397	ng		91
44) 2,4,5-Trichlorophenol	13.19	196	44158	8.818	ng		90
46) 1,1'-Biphenyl	13.53	154	163216	9.458	ng		98
47) 2-Chloronaphthalene	13.57	162	114705	8.714	ng		96
48) 2-Nitroaniline	13.76	65	37495	8.445	ng		94
49) Acenaphthylene	14.42	152	200941	9.528	ng		97
50) Dimethylphthalate	14.15	163	161257	8.940	ng	#	99
51) 2,6-Dinitrotoluene	14.25	165	30132	9.296	ng		94
52) Acenaphthene	14.76	154	123325	9.043	ng		93
53) 3-Nitroaniline	14.57	138	31071	8.318	ng		93
54) 2,4-Dinitrophenol	14.78	184	10945	7.273	ng	#	54
55) Dibenzofuran	15.09	168	194966	9.541	ng		96
56) 4-Nitrophenol	14.87	139	25292	8.702	ng		92
57) 2,4-Dinitrotoluene	15.04	165	38724	8.941	ng	#	92
58) Fluorene	15.74	166	157879	9.342	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.31	232	41211	8.646	ng	#	91
60) Diethylphthalate	15.51	149	173570	9.000	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	81774	8.917	ng		98
62) 4-Nitroaniline	15.74	138	33979	8.259	ng		97
63) Azobenzene	16.03	77	191405	9.484	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	17043	8.456	ng		78
66) n-Nitrosodiphenylamine	15.94	169	143179	9.492	ng		96
67) 4-Bromophenyl-phenylether	16.63	248	55278	8.884	ng		91
68) Hexachlorobenzene	16.75	284	58168	8.658	ng		94
69) Atrazine	16.90	200	59408	10.191	ng		97
70) Pentachlorophenol	17.08	266	31505	8.264	ng		94
71) Phenanthrene	17.48	178	255764m	9.454	ng		
72) Anthracene	17.57	178	267283	10.031	ng		97
73) Carbazole	17.84	167	242467	9.502	ng		97
74) Di-n-butylphthalate	18.42	149	301883	9.393	ng		98
75) Fluoranthene	19.49	202	317071	9.698	ng		98
77) Benzidine	19.66	184	194113	10.741	ng		98
78) Pyrene	19.85	202	319003	9.238	ng		94
80) Butylbenzylphthalate	20.75	149	126712	8.221	ng		94
81) Benzo(a)anthracene	21.70	228	313759	9.242	ng		97
82) 3,3'-Dichlorobenzidine	21.61	252	129429	9.575	ng		98
83) Chrysene	21.76	228	296650	9.180	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	188614	8.775	ng		97
85) Di-n-octyl phthalate	22.86	149	316736	8.581	ng		99
86) Indeno(1,2,3-cd)pyrene	28.59	276	359411	8.421	ng		99
88) Benzo(b)fluoranthene	23.92	252	315008	8.957	ng	#	98
89) Benzo(k)fluoranthene	23.98	252	302104	9.164	ng		99
90) Benzo(a)pyrene	24.78	252	289175	8.828	ng		97
91) Dibenzo(a,h)anthracene	28.68	278	301665	9.236	ng		96
92) Benzo(g,h,i)perylene	29.73	276	300140	9.174	ng		98

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

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