Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045978.D
Acq On : 8 Jul 2020 12:52
Operator : CG/JU
Sample : L3216-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:45:39 AM

Quant Time: Jul 08 13:32:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 12:06:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	140105	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	577257	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	345464	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	696290	20.00	ng		0.00
76) Chrysene-d12	21.63	240	666248	20.00	ng		0.00
86) Perylene-d12	24.78	264	675917	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	809382	93.68	ng		0.00
7) Phenol-d6	7.16	99	1190176	95.68	ng		0.00
23) Nitrobenzene-d5	9.16	82	838999	83.66	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	302313	94.29	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1613086	72.83	ng		0.00
79) Terphenyl-d14	19.98	244	1729830	57.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35168	8.823	ng		96
3) Pyridine	3.90	79	73659	6.112	ng		97
4) n-Nitrosodimethylamine	3.82	42	32630	8.007	ng		96
6) Aniline	7.33	93	115668	7.269	ng		97
8) 2-Chlorophenol	7.57	128	65310	7.022	ng		95
9) Benzaldehyde	7.14	77	77132	9.787	ng		96
10) Phenol	7.19	94	88859	7.122	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	72951	7.070	ng		98
12) 1,3-Dichlorobenzene	7.90	146	75498	7.043	ng		95
13) 1,4-Dichlorobenzene	8.04	146	76833	7.286	ng		96
14) 1,2-Dichlorobenzene	8.36	146	70706	6.967	ng		96
15) Benzyl Alcohol	8.23	79	66918	6.861	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91507	6.798	ng		98
17) 2-Methylphenol	8.44	107	59140	6.317	ng		96
18) Hexachloroethane	9.09	117	28672	7.066	ng		90
19) n-Nitroso-di-n-propylamine	8.80	70	64054	7.330	ng		98
20) 3+4-Methylphenols	8.76	107	82574	6.471	ng		98
22) Acetophenone	8.82	105	112984	7.326	ng	#	96
24) Nitrobenzene	9.20	77	89873	8.119	ng	#	95
25) Isophorone	9.72	82	165157	6.746	ng		98
26) 2-Nitrophenol	9.91	139	26446	7.330	ng		98
27) 2,4-Dimethylphenol	9.97	122	63021	7.232	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	98265	7.147	ng		96
29) 2,4-Dichlorophenol	10.45	162	58204	6.452	ng		95
30) 1,2,4-Trichlorobenzene	10.67	180	68753	6.878	ng		98
31) Naphthalene	10.85	128	221749	7.166	ng		98
32) Benzoic acid	10.03	122	21271m	4.508	ng		
33) 4-Chloroaniline	10.95	127	91852	6.642	ng		94
34) Hexachlorobutadiene	11.15	225	36132	6.191	ng		93
35) Caprolactam	11.68	113	22509	6.572	ng	#	86
36) 4-Chloro-3-methylphenol	12.07	107	67449	6.564	ng		99
37) 2-Methylnaphthalene	12.46	142	160122	7.279	ng		99
38) 1-Methylnaphthalene	12.67	142	150637	7.256	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	70873	7.278	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	39712	6.872	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	43290	6.573	ng		88
44) 2,4,5-Trichlorophenol	13.13	196	47177	6.335	ng		92
46) 1,1'-Biphenyl	13.46	154	201530	7.755	ng		95
47) 2-Chloronaphthalene	13.50	162	143221	6.985	ng		96
48) 2-Nitroaniline	13.69	65	39456	8.222	ng		94
49) Acenaphthylene	14.34	152	245631	7.425	ng		96
50) Dimethylphthalate	14.08	163	177447	6.844	ng		99
51) 2,6-Dinitrotoluene	14.19	165	29764	7.399	ng		95
52) Acenaphthene	14.69	154	143887	6.895	ng		95
53) 3-Nitroaniline	14.51	138	35097	7.040	ng		92
54) 2,4-Dinitrophenol	14.72	184	6857	4.832	ng	#	72
55) Dibenzofuran	15.02	168	218369	7.139	ng		95
56) 4-Nitrophenol	14.81	139	27573	6.528	ng		96
57) 2,4-Dinitrotoluene	14.97	165	37222	7.488	ng	#	88
58) Fluorene	15.67	166	179028	7.135	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	38419	6.682	ng		89
60) Diethylphthalate	15.45	149	184667	6.792	ng		93
61) 4-Chlorophenyl-phenylether	15.67	204	84391	6.760	ng		98
62) 4-Nitroaniline	15.67	138	39671	7.403	ng		95
63) Azobenzene	15.96	77	211367	7.243	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	11956	5.863	ng		88
66) n-Nitrosodiphenylamine	15.88	169	157035	7.278	ng		96
67) 4-Bromophenyl-phenylether	16.56	248	49824	6.407	ng		97
68) Hexachlorobenzene	16.68	284	52942	6.784	ng		98
69) Atrazine	16.83	200	51163	8.020	ng		94
70) Pentachlorophenol	17.02	266	23765	5.477	ng		99
71) Phenanthrene	17.41	178	269925	7.333	ng		96
72) Anthracene	17.50	178	277870	7.438	ng		95
73) Carbazole	17.76	167	263527	7.038	ng		95
74) Di-n-butylphthalate	18.34	149	317234	7.011	ng	#	94
75) Fluoranthene	19.42	202	318171	7.477	ng		94
77) Benzidine	19.59	184	171907	9.024	ng		100
78) Pyrene	19.78	202	328988	7.234	ng		94
80) Butylbenzylphthalate	20.68	149	134122	6.241	ng		97
81) Benzo(a)anthracene	21.60	228	312997	7.145	ng		93
82) 3,3'-Dichlorobenzidine	21.52	252	117696	7.271	ng		98
83) Chrysene	21.67	228	295914	7.090	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	209439	6.714	ng	#	95
85) Di-n-octyl phthalate	22.75	149	344495	6.363	ng		98
87) Indeno(1,2,3-cd)pyrene	28.35	276	335222	6.779	ng		98
88) Benzo(b)fluoranthene	23.78	252	306052	7.133	ng		98
89) Benzo(k)fluoranthene	23.85	252	302414	7.454	ng		100
90) Benzo(a)pyrene	24.63	252	275111	6.819	ng		99
91) Dibenzo(a,h)anthracene	28.42	278	279309	7.003	ng		97
92) Benzo(g,h,i)perylene	29.46	276	281540	7.015	ng		97

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

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