Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
Data File : BG045425.D
Acq On : 19 May 2020 15:26
Operator : CG/JU
Sample : L2182-01
Misc : SOIL- LOD- 5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
mohammad
5/20/2020 1:19:55 PM

Quant Time: May 20 05:57:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 12:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	82041	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	346323	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	251706	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	599013	20.00	ng		0.00
76) Chrysene-d12	21.61	240	592801	20.00	ng		0.00
87) Perylene-d12	24.78	264	633090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	542896	129.32	ng		0.00
7) Phenol-d6	7.20	99	774407	129.61	ng		0.00
23) Nitrobenzene-d5	9.13	82	535854	84.37	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	432351	134.31	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1268034	85.45	ng		0.00
79) Terphenyl-d14	19.98	244	2330966	91.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	7205	3.461	ng	#	89
3) Pyridine	3.83	79	17626	3.040	ng	#	86
4) n-Nitrosodimethylamine	3.74	42	6392	3.369	ng	#	79
6) Aniline	7.30	93	33605	4.308	ng		95
8) 2-Chlorophenol	7.56	128	19019	4.131	ng		91
9) Benzaldehyde	7.10	77	19008	4.883	ng		88
10) Phenol	7.23	94	26477	4.300	ng		95
11) bis(2-Chloroethyl)ether	7.39	93	20498	4.268	ng		86
12) 1,3-Dichlorobenzene	7.86	146	22896	4.139	ng		91
13) 1,4-Dichlorobenzene	8.00	146	23987	4.394	ng		93
14) 1,2-Dichlorobenzene	8.33	146	23084	4.396	ng		94
15) Benzyl Alcohol	8.23	79	19056	3.861	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.50	45	20025	4.392	ng		97
17) 2-Methylphenol	8.47	107	17373	3.769	ng	#	90
18) Hexachloroethane	9.06	117	9030	4.319	ng	#	89
19) n-Nitroso-di-n-propylamine	8.77	70	17529	4.242	ng		95
20) 3+4-Methylphenols	8.80	107	21658	3.451	ng	#	54
22) Acetophenone	8.79	105	34844	4.245	ng	#	92
24) Nitrobenzene	9.18	77	28733	4.223	ng		94
25) Isophorone	9.70	82	53680	4.292	ng		97
26) 2-Nitrophenol	9.90	139	10680	3.669	ng	#	84
27) 2,4-Dimethylphenol	9.99	122	19912	4.612	ng		91
28) bis(2-Chloroethoxy)methane	10.19	93	28436	4.335	ng	#	96
29) 2,4-Dichlorophenol	10.47	162	18656	3.659	ng		96
30) 1,2,4-Trichlorobenzene	10.64	180	25067	4.161	ng		97
31) Naphthalene	10.83	128	71017	4.400	ng		98
32) Benzoic acid	10.11	122	9652m	3.723	ng		
33) 4-Chloroaniline	10.95	127	25904	3.840	ng	#	91
34) Hexachlorobutadiene	11.12	225	16403	3.852	ng		90
35) Caprolactam	11.69	113	7988	4.269	ng		92
36) 4-Chloro-3-methylphenol	12.12	107	24813	4.319	ng		92
37) 2-Methylnaphthalene	12.44	142	52481	4.363	ng		94
38) 1-Methylnaphthalene	12.66	142	49585	4.364	ng		84
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	29212	4.155	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	10872	2.679	ng		93
43) 2,4,6-Trichlorophenol	13.07	196	18797	3.849	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	20057	3.594	ng	#	93
46) 1,1'-Biphenyl	13.44	154	71350	4.613	ng		99
47) 2-Chloronaphthalene	13.48	162	53121	4.230	ng		98
48) 2-Nitroaniline	13.70	65	14613	3.537	ng		99
49) Acenaphthylene	14.33	152	93132	4.617	ng		98
50) Dimethylphthalate	14.07	163	76167	4.411	ng	#	98
51) 2,6-Dinitrotoluene	14.18	165	15928	4.088	ng		98
52) Acenaphthene	14.68	154	53553	3.966	ng		94
53) 3-Nitroaniline	14.54	138	13701	3.459	ng		91
54) 2,4-Dinitrophenol	14.75	184	171	0.076	ng	#	17
55) Dibenzofuran	15.01	168	90030	4.490	ng		99
56) 4-Nitrophenol	14.92	139	9913	3.306	ng	#	83
57) 2,4-Dinitrotoluene	14.98	165	22958	4.069	ng	#	97
58) Fluorene	15.66	166	75572	4.587	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.26	232	19843	4.041	ng		95
60) Diethylphthalate	15.43	149	81970	4.561	ng		96
61) 4-Chlorophenyl-phenylether	15.65	204	39247	4.163	ng		92
62) 4-Nitroaniline	15.69	138	15709	3.799	ng		86
63) Azobenzene	15.95	77	72413	4.321	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	8488	2.433	ng		90
66) n-Nitrosodiphenylamine	15.87	169	67591	4.700	ng		96
67) 4-Bromophenyl-phenylether	16.55	248	26774	4.128	ng		95
68) Hexachlorobenzene	16.67	284	31327	4.618	ng		92
69) Atrazine	16.82	200	28395	4.793	ng		95
70) Pentachlorophenol	17.04	266	2489	0.707	ng	#	71
71) Phenanthrene	17.40	178	130826	5.003	ng		99
72) Anthracene	17.49	178	132398	5.042	ng		97
73) Carbazole	17.77	167	122801	4.797	ng		97
74) Di-n-butylphthalate	18.33	149	148138	4.822	ng		99
75) Fluoranthene	19.41	202	169153	5.086	ng		98
77) Benzidine	19.60	184	42503	2.553	ng		96
78) Pyrene	19.77	202	171087	5.063	ng		96
80) Butylbenzylphthalate	20.66	149	69921	4.794	ng		90
81) Benzo(a)anthracene	21.60	228	165133	5.001	ng		96
82) 3,3'-Dichlorobenzidine	21.52	252	62006	4.787	ng		96
83) Chrysene	21.66	228	156019	4.914	ng		95
84) Bis(2-ethylhexyl)phthalate	21.51	149	94000	4.688	ng	#	96
85) Di-n-octyl phthalate	22.70	149	157882	4.585	ng	#	95
86) Indeno(1,2,3-cd)pyrene	28.34	276	180222	4.340	ng	#	94
88) Benzo(b)fluoranthene	23.78	252	158098	4.656	ng		98
89) Benzo(k)fluoranthene	23.84	252	159915	5.013	ng		98
90) Benzo(a)pyrene	24.62	252	147789	4.674	ng		97
91) Dibenzo(a,h)anthracene	28.41	278	150202	4.727	ng	#	97
92) Benzo(g,h,i)perylene	29.46	276	149864	4.716	ng		99

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

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