Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
Data File : BG045963.D
Acq On : 7 Jul 2020 17:19
Operator : CG/JU
Sample : L3216-01
Misc : LOD-MDL-SOIL-4PPM
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 10:55:24 AM

Quant Time: Jul 07 18:20:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	121191	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	494412	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	295673	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	618362	20.00	ng		0.00
76) Chrysene-d12	21.63	240	596047	20.00	ng		0.00
86) Perylene-d12	24.78	264	601188	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1128873	151.06	ng		0.00
7) Phenol-d6	7.16	99	1584426	147.26	ng		0.00
23) Nitrobenzene-d5	9.16	82	1313752	152.94	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	452574	164.92	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2474287	130.53	ng		0.00
79) Terphenyl-d14	19.99	244	2953008	110.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	15749	4.568	ng		93
3) Pyridine	3.91	79	34952	3.353	ng		96
4) n-Nitrosodimethylamine	3.82	42	15378	4.362	ng	#	86
6) Aniline	7.33	93	55596	4.039	ng		97
8) 2-Chlorophenol	7.57	128	31506	3.916	ng		90
9) Benzaldehyde	7.15	77	39815	5.841	ng		94
10) Phenol	7.19	94	42513	3.939	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	35091	3.932	ng		96
12) 1,3-Dichlorobenzene	7.90	146	35942	3.876	ng		94
13) 1,4-Dichlorobenzene	8.04	146	35795	3.924	ng		95
14) 1,2-Dichlorobenzene	8.36	146	33960	3.868	ng		94
15) Benzyl Alcohol	8.24	79	32597	3.864	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	47096	4.044	ng		93
17) 2-Methylphenol	8.44	107	28125	3.473	ng		92
18) Hexachloroethane	9.10	117	13755	3.919	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	31192	4.127	ng	#	96
20) 3+4-Methylphenols	8.77	107	38538	3.492	ng		93
22) Acetophenone	8.82	105	56244	4.258	ng	#	98
24) Nitrobenzene	9.20	77	43033	4.539	ng		92
25) Isophorone	9.73	82	81542	3.889	ng	#	99
26) 2-Nitrophenol	9.91	139	10959	3.546	ng		96
27) 2,4-Dimethylphenol	9.97	122	30683	4.111	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	47279	4.015	ng		96
29) 2,4-Dichlorophenol	10.44	162	26730	3.459	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	31629	3.694	ng		96
31) Naphthalene	10.85	128	105115	3.966	ng		98
32) Benzoic acid	10.02	122	7351	1.819	ng		96
33) 4-Chloroaniline	10.95	127	43572	3.679	ng		96
34) Hexachlorobutadiene	11.16	225	18335	3.668	ng		97
35) Caprolactam	11.69	113	9334	3.182	ng		93
36) 4-Chloro-3-methylphenol	12.07	107	31799	3.613	ng		98
37) 2-Methylnaphthalene	12.46	142	76316	4.051	ng		97
38) 1-Methylnaphthalene	12.68	142	71860m	4.041	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	36029	4.323	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	18486	3.738	ng		89
43) 2,4,6-Trichlorophenol	13.06	196	20093	3.565	ng		92
44) 2,4,5-Trichlorophenol	13.13	196	20777	3.260	ng		92
46) 1,1'-Biphenyl	13.47	154	102572	4.612	ng		96
47) 2-Chloronaphthalene	13.50	162	68271	3.890	ng		98
48) 2-Nitroaniline	13.69	65	16240	3.954	ng		93
49) Acenaphthylene	14.35	152	118254	4.176	ng		96
50) Dimethylphthalate	14.08	163	87501	3.943	ng		97
51) 2,6-Dinitrotoluene	14.19	165	12378	3.595	ng		94
52) Acenaphthene	14.69	154	67217	3.764	ng		97
53) 3-Nitroaniline	14.51	138	14479	3.393	ng		97
54) 2,4-Dinitrophenol	14.72	184	2263	1.863	ng	#	20
55) Dibenzofuran	15.02	168	109672	4.189	ng		95
56) 4-Nitrophenol	14.81	139	10806	2.989	ng		85
57) 2,4-Dinitrotoluene	14.98	165	15761	3.705	ng		92
58) Fluorene	15.68	166	86739	4.039	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	17986	3.655	ng	#	92
60) Diethylphthalate	15.45	149	88299	3.794	ng		97
61) 4-Chlorophenyl-phenylether	15.67	204	40993	3.837	ng		97
62) 4-Nitroaniline	15.67	138	15601	3.402	ng		98
63) Azobenzene	15.96	77	100213	4.012	ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	4504	2.487	ng		94
66) n-Nitrosodiphenylamine	15.88	169	75586	3.945	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	25137	3.640	ng		94
68) Hexachlorobenzene	16.69	284	26237	3.786	ng		95
69) Atrazine	16.83	200	24394	4.306	ng		96
70) Pentachlorophenol	17.02	266	12027	3.121	ng	#	90
71) Phenanthrene	17.41	178	138190	4.227	ng		96
72) Anthracene	17.50	178	140014	4.220	ng		94
73) Carbazole	17.77	167	131805	3.964	ng		95
74) Di-n-butylphthalate	18.35	149	159261	3.963	ng	#	94
75) Fluoranthene	19.42	202	158701	4.199	ng		95
77) Benzidine	19.59	184	72824	4.273	ng		98
78) Pyrene	19.78	202	164365	4.040	ng		95
80) Butylbenzylphthalate	20.68	149	64344	3.347	ng		98
81) Benzo(a)anthracene	21.61	228	158865	4.053	ng		95
82) 3,3'-Dichlorobenzidine	21.53	252	55226	3.813	ng		98
83) Chrysene	21.67	228	143808	3.852	ng		95
84) Bis(2-ethylhexyl)phthalate	21.55	149	99957	3.582	ng		94
85) Di-n-octyl phthalate	22.75	149	168690	3.483	ng		100
87) Indeno(1,2,3-cd)pyrene	28.35	276	165120	3.754	ng	#	95
88) Benzo(b)fluoranthene	23.78	252	152071	3.985	ng		96
89) Benzo(k)fluoranthene	23.85	252	148862	4.125	ng		97
90) Benzo(a)pyrene	24.63	252	137685	3.837	ng		98
91) Dibenzo(a,h)anthracene	28.42	278	141134	3.979	ng		98
92) Benzo(g,h,i)perylene	29.46	276	140730	3.942	ng		96

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

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