Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002730.D
Acq On : 13 Jul 2020 11:43
Operator : CG/JU
Sample : L3216-01
Misc : LOD-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 13 12:18:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	154066	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	632700	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	406833	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	876543	20.00	ng		0.00
76) Chrysene-d12	21.07	240	877567	20.00	ng		0.00
86) Perylene-d12	23.26	264	872307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	866308	94.87	ng		0.00
7) Phenol-d6	6.75	99	1250361	95.94	ng		0.00
23) Nitrobenzene-d5	8.70	82	889751	75.21	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	418160	98.47	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	1986835	75.55	ng		0.00
79) Terphenyl-d14	19.55	244	2402556	62.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	33423	8.395	ng		99
3) Pyridine	3.52	79	66947	5.643	ng		96
4) n-Nitrosodimethylamine	3.43	42	31086	6.955	ng	#	97
6) Aniline	6.89	93	117790	7.140	ng		98
8) 2-Chlorophenol	7.13	128	72147	7.101	ng		99
9) Benzaldehyde	6.70	77	67256	9.499	ng		97
10) Phenol	6.78	94	96572	7.234	ng		97
11) bis(2-Chloroethyl)ether	6.99	93	76167	6.859	ng		97
12) 1,3-Dichlorobenzene	7.45	146	81986	7.037	ng		100
13) 1,4-Dichlorobenzene	7.59	146	84434	7.222	ng		97
14) 1,2-Dichlorobenzene	7.90	146	80546	7.144	ng		99
15) Benzyl Alcohol	7.80	79	52711	6.044	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.09	45	109821	6.877	ng		99
17) 2-Methylphenol	8.02	107	58592	6.161	ng		96
18) Hexachloroethane	8.62	117	28272	6.827	ng		97
19) n-Nitroso-di-n-propylamine	8.36	70	57375	7.230	ng		98
20) 3+4-Methylphenols	8.35	107	79828	6.348	ng	#	88
22) Acetophenone	8.37	105	116704	7.482	ng		98
24) Nitrobenzene	8.74	77	90356	7.053	ng		100
25) Isophorone	9.26	82	153076	6.349	ng		100
26) 2-Nitrophenol	9.46	139	32423	5.859	ng		99
27) 2,4-Dimethylphenol	9.53	122	62834	6.994	ng		99
28) bis(2-Chloroethoxy)methane	9.76	93	101676	6.943	ng		100
29) 2,4-Dichlorophenol	10.00	162	61662	6.226	ng		97
30) 1,2,4-Trichlorobenzene	10.19	180	77776	6.856	ng		99
31) Naphthalene	10.38	128	236670	7.085	ng		100
32) Benzoic acid	9.68	122	6782	7.894	ng	#	90
33) 4-Chloroaniline	10.50	127	91150	6.368	ng		99
34) Hexachlorobutadiene	10.68	225	42259	6.445	ng		96
35) Caprolactam	11.25	113	19084	5.511	ng		98
36) 4-Chloro-3-methylphenol	11.65	107	67019	6.277	ng		97
37) 2-Methylnaphthalene	12.00	142	165269	7.011	ng		98
38) 1-Methylnaphthalene	12.22	142	160587	7.203	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	88741	7.098	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	12983	9.561	ng		97
43) 2,4,6-Trichlorophenol	12.64	196	45504	5.686	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	50311	5.420	ng		99
46) 1,1'-Biphenyl	13.03	154	227428	7.498	ng		99
47) 2-Chloronaphthalene	13.06	162	165899	6.734	ng		97
48) 2-Nitroaniline	13.29	65	40036	5.258	ng		95
49) Acenaphthylene	13.92	152	263948	6.797	ng		99
50) Dimethylphthalate	13.67	163	206780	6.665	ng		100
51) 2,6-Dinitrotoluene	13.79	165	40008	6.023	ng		98
52) Acenaphthene	14.27	154	159059	6.853	ng		100
53) 3-Nitroaniline	14.12	138	38020	5.116	ng		90
54) 2,4-Dinitrophenol	14.37	184	2432	11.937	ng	#	57
55) Dibenzofuran	14.61	168	264190	7.097	ng		99
56) 4-Nitrophenol	14.49	139	16407	7.556	ng		96
57) 2,4-Dinitrotoluene	14.59	165	48454	5.539	ng		94
58) Fluorene	15.26	166	204387	7.421	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	43306	5.919	ng		98
60) Diethylphthalate	15.05	149	197455	6.564	ng		98
61) 4-Chlorophenyl-phenylether	15.26	204	105778	7.228	ng		98
62) 4-Nitroaniline	15.29	138	38197	6.077	ng		92
63) Azobenzene	15.56	77	207507	6.709	ng		99
65) 4,6-Dinitro-2-methylphenol	15.37	198	15341	7.873	ng		95
66) n-Nitrosodiphenylamine	15.48	169	180341	6.965	ng		99
67) 4-Bromophenyl-phenylether	16.16	248	60483	6.335	ng		98
68) Hexachlorobenzene	16.28	284	68819	6.841	ng		97
69) Atrazine	16.45	200	53350	7.547	ng		99
70) Pentachlorophenol	16.64	266	8572	9.039	ng		96
71) Phenanthrene	17.00	178	338717	7.137	ng		100
72) Anthracene	17.10	178	327852	7.040	ng		99
73) Carbazole	17.38	167	298391	6.529	ng		100
74) Di-n-butylphthalate	17.95	149	295535	5.963	ng		99
75) Fluoranthene	18.99	202	378776	6.888	ng		99
77) Benzidine	19.19	184	130330	5.992	ng		99
78) Pyrene	19.35	202	403743	6.663	ng		98
80) Butylbenzylphthalate	20.24	149	124552	5.209	ng		96
81) Benzo(a)anthracene	21.06	228	387816	6.827	ng		99
82) 3,3'-Dichlorobenzidine	21.00	252	123590	6.569	ng	#	96
83) Chrysene	21.11	228	379645	7.021	ng		99
84) Bis(2-ethylhexyl)phthalate	21.01	149	198229	5.961	ng		99
85) Di-n-octyl phthalate	21.87	149	317974	5.318	ng		97
87) Indeno(1,2,3-cd)pyrene	25.46	276	426527	6.765	ng		99
88) Benzo(b)fluoranthene	22.61	252	359329	6.634	ng		100
89) Benzo(k)fluoranthene	22.65	252	386741	7.249	ng		99
90) Benzo(a)pyrene	23.17	252	334143	6.510	ng		99
91) Dibenzo(a,h)anthracene	25.47	278	354395	6.970	ng		99
92) Benzo(g,h,i)perylene	26.13	276	355688	6.900	ng		99

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

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