Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061220\
Data File : BP002402.D
Acq On : 12 Jun 2020 17:37
Operator : CG/JU
Sample : L2182-02
Misc : LOO-S-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2020

Manual Integrations APPROVED
mohammad
6/15/2020 8:47:11 AM

Quant Time: Jun 12 18:18:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 16:44:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	155748	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	629522	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	382370	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	806795	20.00	ng		0.00
76) Chrysene-d12	21.10	240	759694	20.00	ng		0.00
86) Perylene-d12	23.30	264	850892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1401409	166.50	ng		0.00
7) Phenol-d6	6.78	99	1900131	169.56	ng		0.00
23) Nitrobenzene-d5	8.73	82	1278644	121.30	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	669021	182.75	ng		0.00
45) 2-Fluorobiphenyl	12.86	172	2522725	110.93	ng		0.00
79) Terphenyl-d14	19.59	244	3462626	119.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	42061	10.848	ng		99
3) Pyridine	3.55	79	102945	9.769	ng		97
4) n-Nitrosodimethylamine	3.46	42	42846	9.866	ng	#	96
6) Aniline	6.92	93	161490	10.596	ng		98
8) 2-Chlorophenol	7.16	128	100245	10.592	ng		98
9) Benzaldehyde	6.73	77	95442	16.670	ng		95
10) Phenol	6.80	94	131770	10.842	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	106057	10.452	ng		99
12) 1,3-Dichlorobenzene	7.48	146	110564	10.146	ng		99
13) 1,4-Dichlorobenzene	7.63	146	112025	10.217	ng		96
14) 1,2-Dichlorobenzene	7.94	146	109042	10.382	ng		96
15) Benzyl Alcohol	7.83	79	83878	9.657	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	145131	10.080	ng		99
17) 2-Methylphenol	8.04	107	82673	9.309	ng		97
18) Hexachloroethane	8.66	117	40915	10.243	ng		96
19) n-Nitroso-di-n-propylamine	8.39	70	82423	11.004	ng		98
20) 3+4-Methylphenols	8.36	107	111439	9.297	ng		96
22) Acetophenone	8.40	105	166758	11.791	ng	#	99
24) Nitrobenzene	8.78	77	126690	11.180	ng		99
25) Isophorone	9.30	82	226693	10.559	ng		98
26) 2-Nitrophenol	9.49	139	48157	9.537	ng		99
27) 2,4-Dimethylphenol	9.56	122	75914	9.583	ng		98
28) bis(2-Chloroethoxy)methane	9.79	93	141009	11.027	ng		99
29) 2,4-Dichlorophenol	10.02	162	86681	9.721	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	102253	10.288	ng		98
31) Naphthalene	10.42	128	320940	10.974	ng		100
32) Benzoic acid	9.65	122	26328m	4.369	ng		
33) 4-Chloroaniline	10.53	127	129248	10.123	ng		98
34) Hexachlorobutadiene	10.72	225	56120	9.675	ng		98
35) Caprolactam	11.26	113	31430	9.994	ng		97
36) 4-Chloro-3-methylphenol	11.67	107	97718	10.128	ng		99
37) 2-Methylnaphthalene	12.04	142	231145	11.135	ng		98
38) 1-Methylnaphthalene	12.26	142	217933	11.185	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	115958	11.504	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	45753	8.538	ng		98
43) 2,4,6-Trichlorophenol	12.66	196	68553	9.610	ng		98
44) 2,4,5-Trichlorophenol	12.73	196	75246	9.110	ng		97
46) 1,1'-Biphenyl	13.07	154	307829	12.284	ng		97
47) 2-Chloronaphthalene	13.10	162	223266	10.892	ng		100
48) 2-Nitroaniline	13.31	65	60742	9.283	ng		97
49) Acenaphthylene	13.96	152	358698	10.964	ng		99
50) Dimethylphthalate	13.70	163	277308	10.584	ng		99
51) 2,6-Dinitrotoluene	13.82	165	55725	9.794	ng		97
52) Acenaphthene	14.30	154	214475	11.190	ng		100
53) 3-Nitroaniline	14.14	138	57056	8.782	ng		95
54) 2,4-Dinitrophenol	14.36	184	18760	6.011	ng		95
55) Dibenzofuran	14.65	168	346690	11.235	ng		100
56) 4-Nitrophenol	14.47	139	42379	8.215	ng		93
57) 2,4-Dinitrotoluene	14.61	165	71455	9.226	ng		93
58) Fluorene	15.30	166	269580	11.107	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.87	232	65364	9.969	ng		98
60) Diethylphthalate	15.09	149	273576	10.421	ng		97
61) 4-Chlorophenyl-phenylether	15.30	204	138477	11.770	ng		95
62) 4-Nitroaniline	15.31	138	56397	9.034	ng		96
63) Azobenzene	15.59	77	290658	11.123	ng		97
65) 4,6-Dinitro-2-methylphenol	15.38	198	34502	8.104	ng		93
66) n-Nitrosodiphenylamine	15.52	169	238912	11.592	ng		97
67) 4-Bromophenyl-phenylether	16.20	248	79826	10.445	ng		95
68) Hexachlorobenzene	16.31	284	88258	10.882	ng		95
69) Atrazine	16.47	200	84544	12.575	ng		97
70) Pentachlorophenol	16.66	266	40297	8.305	ng		98
71) Phenanthrene	17.04	178	438436	11.617	ng		99
72) Anthracene	17.13	178	433822	11.571	ng		97
73) Carbazole	17.40	167	396937	10.762	ng		99
74) Di-n-butylphthalate	17.99	149	435218	9.971	ng		99
75) Fluoranthene	19.02	202	493577	10.956	ng		98
77) Benzidine	19.21	184	223774	13.182	ng		98
78) Pyrene	19.37	202	525078	11.284	ng		99
80) Butylbenzylphthalate	20.27	149	184306	8.910	ng		98
81) Benzo(a)anthracene	21.09	228	505241	11.651	ng		99
82) 3,3'-Dichlorobenzidine	21.03	252	188367	11.689	ng		98
83) Chrysene	21.14	228	483970	11.780	ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	309442	10.284	ng		97
85) Di-n-octyl phthalate	21.91	149	502991	9.531	ng		99
87) Indeno(1,2,3-cd)pyrene	25.52	276	564709	10.611	ng		97
88) Benzo(b)fluoranthene	22.64	252	500102	10.899	ng		97
89) Benzo(k)fluoranthene	22.69	252	489723m	11.233	ng		
90) Benzo(a)pyrene	23.21	252	439010	10.209	ng		99
91) Dibenzo(a,h)anthracene	25.53	278	470814	11.028	ng	#	95
92) Benzo(g,h,i)perylene	26.19	276	477391	10.797	ng		96

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

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