Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
Data File : BP000999.D
Acq On : 07 Nov 2019 12:07
Operator : JU
Sample : K5111-02
Misc : LOO-S-10PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:47 PM

Quant Time: Nov 07 14:20:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 11:57:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	245978	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	922439	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	545059	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1124504	20.00	ng	0.00
76) Chrysene-d12	19.29	240	1026085	20.00	ng	0.00
87) Perylene-d12	21.07	264	1140103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1900300	140.62	ng	0.00
7) Phenol-d6	7.82	99	2371702	138.78	ng	0.00
23) Nitrobenzene-d5	9.26	82	1662236	99.68	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	909945	139.85	ng	0.00
45) 2-Fluorobiphenyl	12.19	172	3538020	97.76	ng	0.00
79) Terphenyl-d14	17.94	244	4697131	91.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.84	88	53236	9.060	ng	98
3) Pyridine	3.74	79	120068	7.729	ng	97
4) n-Nitrosodimethylamine	3.59	42	53656	9.910	ng	99
6) Aniline	7.86	93	230907	10.346	ng	99
8) 2-Chlorophenol	8.04	128	146451	10.220	ng	99
9) Benzaldehyde	7.68	77	128391	10.768	ng	96
10) Phenol	7.83	94	186275m	9.966	ng	
11) bis(2-Chloroethyl)ether	7.98	93	147284	10.122	ng	99
12) 1,3-Dichlorobenzene	8.28	146	175759	9.776	ng	97
13) 1,4-Dichlorobenzene	8.40	146	182584	10.082	ng	98
14) 1,2-Dichlorobenzene	8.64	146	167510	10.002	ng	98
15) Benzyl Alcohol	8.60	79	154833	11.890	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.83	45	145157	9.552	ng	98
17) 2-Methylphenol	8.78	107	123181	10.124	ng	100
18) Hexachloroethane	9.18	117	63960	9.615	ng	92
19) n-Nitroso-di-n-propylamine	9.03	70	105898	10.320	ng	98
20) 3+4-Methylphenols	9.03	107	157509	10.435	ng	96
22) Acetophenone	9.02	105	225248	9.455	ng	99
24) Nitrobenzene	9.28	77	167805	10.029	ng	99
25) Isophorone	9.67	82	289528	9.433	ng	99
26) 2-Nitrophenol	9.79	139	49025	7.840	ng	97
27) 2,4-Dimethylphenol	9.87	122	130824	11.173	ng	95
28) bis(2-Chloroethoxy)methane	10.04	93	186644	9.300	ng	99
29) 2,4-Dichlorophenol	10.17	162	130608	9.241	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	164016	9.447	ng	99
31) Naphthalene	10.44	128	461706	10.018	ng	100
32) Benzoic acid	9.97	122	20184	3.184	ng	97
33) 4-Chloroaniline	10.53	127	184431	9.332	ng	98
34) Hexachlorobutadiene	10.66	225	106219	9.260	ng	99
35) Caprolactam	11.05	113	38545	8.641	ng	96
36) 4-Chloro-3-methylphenol	11.32	107	136662	9.312	ng	99
37) 2-Methylnaphthalene	11.57	142	328716	10.190	ng	99
38) 1-Methylnaphthalene	11.72	142	310363	10.183	ng	97
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	179986	9.917	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	100554	11.060	ng	98
43) 2,4,6-Trichlorophenol	12.03	196	91806	8.390	ng	88
44) 2,4,5-Trichlorophenol	12.07	196	106105	9.069	ng	97
46) 1,1'-Biphenyl	12.33	154	413356	10.142	ng	99
47) 2-Chloronaphthalene	12.36	162	319718	9.745	ng	98
48) 2-Nitroaniline	12.52	65	65607	7.640	ng	99
49) Acenaphthylene	13.03	152	503575	10.096	ng	99
50) Dimethylphthalate	12.85	163	387639	9.618	ng	100
51) 2,6-Dinitrotoluene	12.93	165	72289	8.599	ng	90
52) Acenaphthene	13.32	154	293859	9.850	ng	100
53) 3-Nitroaniline	13.19	138	73835	8.052	ng	97
54) 2,4-Dinitrophenol	13.36	184	10340	4.989	ng	88
55) Dibenzofuran	13.60	168	480510	10.312	ng	99
56) 4-Nitrophenol	13.46	139	50436	7.909	ng	96
57) 2,4-Dinitrotoluene	13.58	165	87332	8.270	ng	98
58) Fluorene	14.16	166	373647	10.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	79964	8.038	ng	97
60) Diethylphthalate	14.02	149	373974	9.238	ng	98
61) 4-Chlorophenyl-phenylether	14.18	204	200073	10.204	ng	97
62) 4-Nitroaniline	12.52	138	74276	7.555	ng	99
63) Azobenzene	14.44	77	341538	9.639	ng	99
65) 4,6-Dinitro-2-methylphenol	14.25	198	20601	6.493	ng	93
66) n-Nitrosodiphenylamine	14.37	169	326138	10.087	ng	100
67) 4-Bromophenyl-phenylether	14.98	248	125754	9.500	ng	95
68) Hexachlorobenzene	15.06	284	144202	9.400	ng	98
69) Atrazine	15.25	200	98484	8.366	ng	98
70) Pentachlorophenol	15.37	266	46299	6.780	ng	98
71) Phenanthrene	15.69	178	585469	10.173	ng	99
72) Anthracene	15.77	178	584980	10.419	ng	100
73) Carbazole	16.01	167	512001	9.947	ng	99
74) Di-n-butylphthalate	16.57	149	545886	8.787	ng	100
75) Fluoranthene	17.40	202	663144	10.194	ng	99
77) Benzidine	17.59	184	298056	7.888	ng	96
78) Pyrene	17.70	202	700889	9.666	ng	99
80) Butylbenzylphthalate	18.59	149	202752	7.061	ng	99
81) Benzo(a)anthracene	19.28	228	664419	9.614	ng	99
82) 3,3'-Dichlorobenzidine	19.25	252	233787	9.279	ng	98
83) Chrysene	19.33	228	635957	10.482	ng	99
84) Bis(2-ethylhexyl)phthalate	19.34	149	322931	8.846	ng	99
85) Di-n-octyl phthalate	20.12	149	477194	7.261	ng	100
86) Indeno(1,2,3-cd)pyrene	22.73	276	695851	8.382	ng	100
88) Benzo(b)fluoranthene	20.58	252	655863	9.651	ng	98
89) Benzo(k)fluoranthene	20.62	252	637823	9.970	ng	99
90) Benzo(a)pyrene	21.00	252	569834	9.119	ng	99
91) Dibenzo(a,h)anthracene	22.76	278	601538	9.431	ng	99
92) Benzo(g,h,i)perylene	23.23	276	593730	9.245	ng	99

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

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