Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
Data File : BP000998.D
Acq On : 07 Nov 2019 11:37
Operator : JU
Sample : K5111-01
Misc : LOD-MDL-S-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:46 PM

Quant Time: Nov 07 12:28:36 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	243054	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	914759	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	543942	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1106855	20.00	ng	0.00
76) Chrysene-d12	19.29	240	993792	20.00	ng	0.00
87) Perylene-d12	21.07	264	1095987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1886201	141.25	ng	0.00
7) Phenol-d6	7.82	99	2371989	140.47	ng	0.00
23) Nitrobenzene-d5	9.26	82	1697799	102.67	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	903888	139.20	ng	0.00
45) 2-Fluorobiphenyl	12.19	172	3606228	99.85	ng	0.00
79) Terphenyl-d14	17.94	244	4691521	93.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.84	88	40557	6.985	ng	99
3) Pyridine	3.75	79	89894	5.856	ng	96
4) n-Nitrosodimethylamine	3.60	42	37750	7.056	ng	98
6) Aniline	7.86	93	180495	8.184	ng	100
8) 2-Chlorophenol	8.04	128	114162	8.062	ng	99
9) Benzaldehyde	7.68	77	98124	8.328	ng	96
10) Phenol	7.83	94	145215m	7.862	ng	
11) bis(2-Chloroethyl)ether	7.98	93	112701	7.838	ng	98
12) 1,3-Dichlorobenzene	8.28	146	139429	7.848	ng	96
13) 1,4-Dichlorobenzene	8.40	146	139986	7.823	ng	99
14) 1,2-Dichlorobenzene	8.64	146	130828	7.906	ng	98
15) Benzyl Alcohol	8.60	79	124603	9.683	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.83	45	110493	7.358	ng	99
17) 2-Methylphenol	8.78	107	95232	7.921	ng	97
18) Hexachloroethane	9.18	117	48667	7.404	ng	94
19) n-Nitroso-di-n-propylamine	9.03	70	81869	8.074	ng	97
20) 3+4-Methylphenols	9.03	107	121970	8.178	ng	98
22) Acetophenone	9.02	105	174062	7.368	ng	100
24) Nitrobenzene	9.28	77	130519	7.866	ng	99
25) Isophorone	9.67	82	224801	7.386	ng	99
26) 2-Nitrophenol	9.79	139	35675	5.753	ng	98
27) 2,4-Dimethylphenol	9.87	122	100143	8.624	ng	96
28) bis(2-Chloroethoxy)methane	10.04	93	142302	7.150	ng	100
29) 2,4-Dichlorophenol	10.17	162	99635	7.109	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	129038	7.495	ng	97
31) Naphthalene	10.44	128	358765	7.850	ng	100
32) Benzoic acid	9.96	122	11320	1.801	ng	97
33) 4-Chloroaniline	10.53	127	144924	7.395	ng	99
34) Hexachlorobutadiene	10.66	225	81505	7.165	ng	99
35) Caprolactam	11.05	113	29040	6.565	ng	96
36) 4-Chloro-3-methylphenol	11.32	107	102910	7.071	ng	99
37) 2-Methylnaphthalene	11.57	142	252554	7.895	ng	98
38) 1-Methylnaphthalene	11.73	142	238038	7.875	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	140940	7.782	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	75844	8.359 ng	98
43) 2,4,6-Trichlorophenol	12.03	196	68272	6.252 ng	97
44) 2,4,5-Trichlorophenol	12.07	196	79912	6.844 ng	99
46) 1,1'-Biphenyl	12.33	154	321930	7.915 ng	99
47) 2-Chloronaphthalene	12.36	162	243694	7.443 ng	99
48) 2-Nitroaniline	12.52	65	49423	5.767 ng	97
49) Acenaphthylene	13.03	152	390615	7.848 ng	100
50) Dimethylphthalate	12.85	163	294235	7.315 ng	100
51) 2,6-Dinitrotoluene	12.93	165	54427	6.487 ng	92
52) Acenaphthene	13.32	154	226389	7.604 ng	97
53) 3-Nitroaniline	13.19	138	54024	5.904 ng	93
54) 2,4-Dinitrophenol	13.36	184	6451	3.119 ng	95
55) Dibenzofuran	13.60	168	369374	7.943 ng	98
56) 4-Nitrophenol	13.46	139	35347	5.555 ng	98
57) 2,4-Dinitrotoluene	13.58	165	62160	5.899 ng	99
58) Fluorene	14.16	166	285001	7.701 ng	99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	61676m	6.213 ng	
60) Diethylphthalate	14.02	149	284776	7.049 ng	100
61) 4-Chlorophenyl-phenylether	14.18	204	154440	7.893 ng	99
62) 4-Nitroaniline	12.52	138	55530	5.660 ng	99
63) Azobenzene	14.44	77	264878	7.491 ng	98
65) 4,6-Dinitro-2-methylphenol	14.25	198	13090	4.192 ng	97
66) n-Nitrosodiphenylamine	14.37	169	249230	7.831 ng	99
67) 4-Bromophenyl-phenylether	14.98	248	94029	7.216 ng	97
68) Hexachlorobenzene	15.06	284	111852	7.407 ng	99
69) Atrazine	15.25	200	73179	6.315 ng	98
70) Pentachlorophenol	15.37	266	30695	4.567 ng	95
71) Phenanthrene	15.69	178	445930	7.872 ng	99
72) Anthracene	15.77	178	446911	8.087 ng	100
73) Carbazole	16.01	167	395120	7.798 ng	99
74) Di-n-butylphthalate	16.57	149	395538	6.469 ng	99
75) Fluoranthene	17.40	202	489299	7.642 ng	98
77) Benzidine	17.59	184	208702	5.703 ng	97
78) Pyrene	17.70	202	523888	7.459 ng	99
80) Butylbenzylphthalate	18.59	149	138797	4.991 ng	98
81) Benzo(a)anthracene	19.28	228	490402	7.327 ng	99
82) 3,3'-Dichlorobenzidine	19.25	252	169344	6.939 ng	99
83) Chrysene	19.33	228	482563	8.212 ng	99
84) Bis(2-ethylhexyl)phthalate	19.34	149	224862	6.360 ng	98
85) Di-n-octyl phthalate	20.12	149	333613	5.241 ng	100
86) Indeno(1,2,3-cd)pyrene	22.73	276	513306	6.384 ng	100
88) Benzo(b)fluoranthene	20.58	252	475697	7.281 ng	99
89) Benzo(k)fluoranthene	20.62	252	471095	7.660 ng	99
90) Benzo(a)pyrene	21.00	252	418484	6.966 ng	99
91) Dibenzo(a,h)anthracene	22.76	278	436127	7.113 ng	98
92) Benzo(g,h,i)perylene	23.22	276	436650	7.073 ng	98

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

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