Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116178.D
Acq On : 11 Aug 2019 6:18
Operator : HP/JU
Sample : K4165-03MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMS

Manual Integrations APPROVED
mohammad
8/14/2019 2:55:22 AM

Quant Time: Aug 12 04:40:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	149992	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	576189	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	288907	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	427409	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	278526	20.00	ng	0.00
87) Perylene-d12	15.47	264	276189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1263251	140.99	ng	0.00
7) Phenol-d6	6.49	99	1627640	143.98	ng	0.00
23) Nitrobenzene-d5	7.41	82	1071836	107.38	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	372086	132.84	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1555763	100.86	ng	-0.01
79) Terphenyl-d14	12.94	244	1284540	97.18	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	139361	30.789	ng	97
3) Pyridine	3.43	79	364486	28.827	ng	98
4) n-Nitrosodimethylamine	3.36	42	163745	32.816	ng	98
6) Aniline	6.51	93	433281	26.764	ng	95
8) 2-Chlorophenol	6.63	128	373719	37.720	ng	99
9) Benzaldehyde	6.39	77	199298	25.552	ng	99
10) Phenol	6.50	94	472258	35.476	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	371476	37.956	ng	100
12) 1,3-Dichlorobenzene	6.78	146	405240	35.391	ng	99
13) 1,4-Dichlorobenzene	6.86	146	413998	36.110	ng	98
14) 1,2-Dichlorobenzene	7.01	146	376014	35.619	ng	99
15) Benzyl Alcohol	6.99	79	311385	36.297	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	482374	36.134	ng	95
17) 2-Methylphenol	7.10	107	317539	37.850	ng	99
18) Hexachloroethane	7.35	117	143650	34.032	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	263704	37.645	ng	99
20) 3+4-Methylphenols	7.25	107	388554	39.138	ng	90
22) Acetophenone	7.25	105	515380	40.785	ng	99
24) Nitrobenzene	7.42	77	416175	38.613	ng	99
25) Isophorone	7.66	82	758002	39.713	ng	99
26) 2-Nitrophenol	7.74	139	197077	38.790	ng	99
27) 2,4-Dimethylphenol	7.77	122	338299	44.258	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	477216	40.338	ng	98
29) 2,4-Dichlorophenol	7.99	162	330425	40.941	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	355194	38.608	ng	99
31) Naphthalene	8.14	128	1072976	39.572	ng	99
32) Benzoic acid	7.91	122	99752	18.510	ng	97
33) 4-Chloroaniline	8.19	127	276879	22.855	ng	99
34) Hexachlorobutadiene	8.26	225	200244	37.788	ng	99
35) Caprolactam	8.56	113	96011m	36.782	ng	
36) 4-Chloro-3-methylphenol	8.68	107	332613	39.615	ng	99
37) 2-Methylnaphthalene	8.83	142	708234	39.661	ng	98
38) 1-Methylnaphthalene	8.93	142	654212	38.726	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	328659	42.552	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	55221	20.669 ng	97
43) 2,4,6-Trichlorophenol	9.12	196	206363	38.817 ng	100
44) 2,4,5-Trichlorophenol	9.16	196	211064	38.407 ng	99
46) 1,1'-Biphenyl	9.29	154	850693	41.707 ng	99
47) 2-Chloronaphthalene	9.32	162	663825	39.103 ng	99
48) 2-Nitroaniline	9.42	65	211607	37.711 ng	97
49) Acenaphthylene	9.73	152	983234	39.700 ng	99
50) Dimethylphthalate	9.59	163	1151877	58.556 ng	99
51) 2,6-Dinitrotoluene	9.66	165	170322	39.842 ng	96
52) Acenaphthene	9.91	154	583889	38.429 ng	99
53) 3-Nitroaniline	9.83	138	153733	29.104 ng	98
54) 2,4-Dinitrophenol	9.96	184	24674	18.052 ng	93
55) Dibenzofuran	10.08	168	844421	38.216 ng	100
56) 4-Nitrophenol	10.01	139	214556	63.407 ng	92
57) 2,4-Dinitrotoluene	10.07	165	201401	35.385 ng	97
58) Fluorene	10.42	166	662763	38.986 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	159804	34.564 ng	98
60) Diethylphthalate	10.29	149	756843	41.210 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	346136	40.203 ng	100
62) 4-Nitroaniline	10.45	138	168499	30.867 ng	98
63) Azobenzene	10.57	77	732956	38.801 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	32825	14.492 ng	83
66) n-Nitrosodiphenylamine	10.53	169	600570	46.684 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	203461	44.468 ng	97
68) Hexachlorobenzene	10.98	284	211193	39.918 ng	93
69) Atrazine	11.06	200	183276	43.305 ng	99
70) Pentachlorophenol	11.17	266	165232	64.327 ng	98
71) Phenanthrene	11.39	178	877503	40.160 ng	99
72) Anthracene	11.44	178	910249	41.163 ng	99
73) Carbazole	11.59	167	800180	39.885 ng	99
74) Di-n-butylphthalate	11.92	149	1103145	47.136 ng	98
75) Fluoranthene	12.57	202	830702	36.315 ng	99
77) Benzidine	12.70	184	503234	53.480 ng	99
78) Pyrene	12.80	202	834851	39.763 ng	99
80) Butylbenzylphthalate	13.41	149	392330	44.175 ng	99
81) Benzo(a)anthracene	13.99	228	715461	40.189 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	271672	43.925 ng	99
83) Chrysene	14.03	228	699939	40.498 ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	577470	50.036 ng	98
85) Di-n-octyl phthalate	14.57	149	929584	50.710 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	584443	40.261 ng	100
88) Benzo(b)fluoranthene	15.04	252	668369	41.853 ng	99
89) Benzo(k)fluoranthene	15.07	252	615917	39.597 ng	99
90) Benzo(a)pyrene	15.41	252	602774	42.224 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	502546	40.669 ng	99
92) Benzo(g,h,i)perylene	17.39	276	460690	37.961 ng	98

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

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