Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116179.D
Acq On : 11 Aug 2019 6:44
Operator : HP/JU
Sample : K4165-03MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/14/2019 2:55:25 AM

Quant Time: Aug 12 04:41:41 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	149470	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	577055	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	278339	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	385894	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	268796	20.00	ng		0.00
87) Perylene-d12	15.47	264	251434	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	717345	80.34	ng		0.00
7) Phenol-d6	6.48	99	900931	79.98	ng		0.00
23) Nitrobenzene-d5	7.40	82	572198	57.24	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	180699	66.96	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	889630	59.87	ng		-0.01
79) Terphenyl-d14	12.93	244	652366	51.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	151797	33.653	ng		98
3) Pyridine	3.42	79	401261	31.846	ng		99
4) n-Nitrosodimethylamine	3.37	42	170757	34.341	ng		98
6) Aniline	6.50	93	444899	27.577	ng		93
8) 2-Chlorophenol	6.63	128	405404	41.061	ng		97
9) Benzaldehyde	6.39	77	207955	26.755	ng		96
10) Phenol	6.49	94	512882	38.662	ng		87
11) bis(2-Chloroethyl)ether	6.57	93	394544	40.453	ng		99
12) 1,3-Dichlorobenzene	6.78	146	430292	37.710	ng		99
13) 1,4-Dichlorobenzene	6.86	146	441949	38.683	ng		98
14) 1,2-Dichlorobenzene	7.01	146	407964	38.780	ng		99
15) Benzyl Alcohol	6.99	79	329355	38.526	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	513081	38.568	ng		97
17) 2-Methylphenol	7.10	107	331761	39.684	ng		99
18) Hexachloroethane	7.35	117	150729	35.833	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	274476	39.320	ng		97
20) 3+4-Methylphenols	7.25	107	404637	40.901	ng	#	88
22) Acetophenone	7.25	105	536191	42.368	ng		99
24) Nitrobenzene	7.42	77	438022	40.579	ng		99
25) Isophorone	7.66	82	801783	41.944	ng		100
26) 2-Nitrophenol	7.74	139	206979	40.678	ng		98
27) 2,4-Dimethylphenol	7.77	122	348487	45.523	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	499145	42.128	ng		99
29) 2,4-Dichlorophenol	7.99	162	342621	42.388	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	367016	39.834	ng		99
31) Naphthalene	8.14	128	1111096	40.917	ng		99
32) Benzoic acid	7.90	122	82219m	15.234	ng		
33) 4-Chloroaniline	8.19	127	281454	23.197	ng		99
34) Hexachlorobutadiene	8.26	225	211190	39.794	ng		100
35) Caprolactam	8.57	113	95237m	36.430	ng		
36) 4-Chloro-3-methylphenol	8.68	107	338309	40.233	ng		98
37) 2-Methylnaphthalene	8.83	142	729773	40.806	ng		99
38) 1-Methylnaphthalene	8.93	142	671975	39.717	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	336339	45.200	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	47818	19.177 ng	97
43) 2,4,6-Trichlorophenol	9.12	196	205226	40.069 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	215872	40.773 ng	99
46) 1,1'-Biphenyl	9.29	154	869831	44.265 ng	99
47) 2-Chloronaphthalene	9.32	162	677505	41.425 ng	99
48) 2-Nitroaniline	9.42	65	211919	39.201 ng	94
49) Acenaphthylene	9.73	152	979857	41.066 ng	99
50) Dimethylphthalate	9.59	163	979597	51.689 ng	100
51) 2,6-Dinitrotoluene	9.66	165	169187	41.079 ng	97
52) Acenaphthene	9.91	154	584067	39.900 ng	99
53) 3-Nitroaniline	9.83	138	151633	29.796 ng	98
54) 2,4-Dinitrophenol	9.96	184	16143	14.766 ng	96
55) Dibenzofuran	10.08	168	836651	39.302 ng	100
56) 4-Nitrophenol	10.01	139	199117	61.079 ng	92
57) 2,4-Dinitrotoluene	10.07	165	196808	35.891 ng	95
58) Fluorene	10.42	166	645148	39.391 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	155326	34.871 ng	99
60) Diethylphthalate	10.29	149	753768	42.600 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	341726	41.198 ng	99
62) 4-Nitroaniline	10.45	138	155847	29.633 ng	97
63) Azobenzene	10.57	77	721627	39.652 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	23359	11.423 ng	80
66) n-Nitrosodiphenylamine	10.53	169	584020	50.281 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	194734	47.140 ng	98
68) Hexachlorobenzene	10.97	284	200664	42.008 ng	97
69) Atrazine	11.06	200	175186	45.847 ng	100
70) Pentachlorophenol	11.17	266	152207	65.631 ng	99
71) Phenanthrene	11.39	178	825789	41.859 ng	99
72) Anthracene	11.44	178	857789	42.964 ng	99
73) Carbazole	11.59	167	748906	41.345 ng	99
74) Di-n-butylphthalate	11.91	149	1038582	49.151 ng	99
75) Fluoranthene	12.57	202	769241	37.246 ng	99
77) Benzidine	12.70	184	480702	52.935 ng	97
78) Pyrene	12.80	202	778661	38.429 ng	99
80) Butylbenzylphthalate	13.41	149	367538	42.881 ng	98
81) Benzo(a)anthracene	13.99	228	705878	41.086 ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	268072	44.912 ng	97
83) Chrysene	14.03	228	688857	41.299 ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	547858	49.188 ng	100
85) Di-n-octyl phthalate	14.57	149	917088	51.839 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	524946	37.472 ng	100
88) Benzo(b)fluoranthene	15.04	252	657740	45.242 ng	99
89) Benzo(k)fluoranthene	15.07	252	598668	42.278 ng	99
90) Benzo(a)pyrene	15.41	252	569546	43.825 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	449509	39.958 ng	99
92) Benzo(g,h,i)perylene	17.39	276	418903	37.916 ng	100

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

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