Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116354.D
Acq On : 17 Aug 2019 13:51
Operator : HP/JU
Sample : K4380-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-175-LANDERS-PITMS

Manual Integrations APPROVED
Jagrut
8/19/2019 3:30:56 PM

Quant Time: Aug 19 17:31:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131809	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	522828	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	278754	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	468975	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	325021	20.00	ng		-0.01
87) Perylene-d12	15.43	264	313783	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	662035	84.08	ng		0.00
7) Phenol-d6	6.46	99	844932	85.06	ng		0.00
23) Nitrobenzene-d5	7.37	82	533312	58.88	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	216654	80.17	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	915431	61.51	ng		0.00
79) Terphenyl-d14	12.90	244	960856	62.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	89265	22.442	ng		99
3) Pyridine	3.37	79	212135	19.092	ng		98
4) n-Nitrosodimethylamine	3.29	42	108802	24.813	ng		95
6) Aniline	6.47	93	292210	20.540	ng	#	78
8) 2-Chlorophenol	6.60	128	256487	29.459	ng		96
9) Benzaldehyde	6.37	77	119190	17.389	ng		98
10) Phenol	6.47	94	379552	32.445	ng		85
11) bis(2-Chloroethyl)ether	6.55	93	254569	29.599	ng		98
12) 1,3-Dichlorobenzene	6.75	146	266027	26.438	ng		98
13) 1,4-Dichlorobenzene	6.83	146	277677	27.561	ng		98
14) 1,2-Dichlorobenzene	6.98	146	258439	27.858	ng		99
15) Benzyl Alcohol	6.96	79	216210	28.680	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	324940	27.699	ng		75
17) 2-Methylphenol	7.07	107	214294	29.067	ng		99
18) Hexachloroethane	7.32	117	92039	24.813	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	181661	29.510	ng		98
20) 3+4-Methylphenols	7.23	107	282393	32.369	ng		98
22) Acetophenone	7.22	105	362505	31.615	ng	#	95
24) Nitrobenzene	7.39	77	286732	29.318	ng		99
25) Isophorone	7.63	82	516554	29.825	ng		97
26) 2-Nitrophenol	7.71	139	133822	29.028	ng		98
27) 2,4-Dimethylphenol	7.75	122	225932	32.574	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	318842	29.702	ng		100
29) 2,4-Dichlorophenol	7.96	162	222754	30.417	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	230999	27.671	ng		99
31) Naphthalene	8.11	128	751894	30.561	ng		98
33) 4-Chloroaniline	8.17	127	216934	19.734	ng		98
34) Hexachlorobutadiene	8.23	225	126383	26.284	ng		99
35) Caprolactam	8.53	113	67967m	28.696	ng		
36) 4-Chloro-3-methylphenol	8.66	107	235349	30.891	ng		94
37) 2-Methylnaphthalene	8.80	142	492329	30.384	ng		99
38) 1-Methylnaphthalene	8.90	142	465930	30.395	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	222957	29.918	ng		99
41) Hexachlorocyclopentadiene	8.95	237	40288	17.073	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.09	196	137832	26.871	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	146249	27.582	ng		96
46) 1,1'-Biphenyl	9.26	154	610819	31.038	ng		98
47) 2-Chloronaphthalene	9.29	162	471220	28.769	ng		99
48) 2-Nitroaniline	9.39	65	153291	28.314	ng		93
49) Acenaphthylene	9.70	152	722683	30.243	ng		99
50) Dimethylphthalate	9.56	163	643009	33.878	ng		100
51) 2,6-Dinitrotoluene	9.63	165	123234	29.877	ng		98
52) Acenaphthene	9.87	154	433163	29.547	ng		99
53) 3-Nitroaniline	9.80	138	120882	23.718	ng		98
54) 2,4-Dinitrophenol	9.95	184	13134	13.462	ng		94
55) Dibenzofuran	10.05	168	635097	29.790	ng		98
56) 4-Nitrophenol	9.98	139	142305	43.587	ng		96
57) 2,4-Dinitrotoluene	10.05	165	156442	28.487	ng	#	90
58) Fluorene	10.39	166	510718	31.136	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	122327	27.422	ng		99
60) Diethylphthalate	10.26	149	538789	30.405	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	252629	30.411	ng		98
62) 4-Nitroaniline	10.42	138	129248	24.539	ng		99
63) Azobenzene	10.54	77	551971	30.284	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	43388	17.458	ng		93
66) n-Nitrosodiphenylamine	10.50	169	455150	32.244	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	150661	30.010	ng		97
68) Hexachlorobenzene	10.94	284	168420	29.012	ng		98
69) Atrazine	11.03	200	140940	30.350	ng		98
70) Pentachlorophenol	11.14	266	89271	31.674	ng		98
71) Phenanthrene	11.35	178	741007	30.907	ng		99
72) Anthracene	11.40	178	771034	31.777	ng		100
73) Carbazole	11.56	167	693742	31.515	ng		99
74) Di-n-butylphthalate	11.88	149	827271	32.215	ng		99
75) Fluoranthene	12.54	202	747403	29.778	ng		100
77) Benzidine	12.66	184	229361	20.888	ng		98
78) Pyrene	12.77	202	757075	30.900	ng		99
80) Butylbenzylphthalate	13.37	149	328641	31.710	ng		98
81) Benzo(a)anthracene	13.96	228	601816	28.969	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	191236	26.497	ng		99
83) Chrysene	14.00	228	584151	28.964	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	457548	33.974	ng		97
85) Di-n-octyl phthalate	14.54	149	714136	33.384	ng		99
86) Indeno(1,2,3-cd)pyrene	16.88	276	512197	30.237	ng		100
88) Benzo(b)fluoranthene	15.00	252	512895	28.269	ng		99
89) Benzo(k)fluoranthene	15.03	252	542702	30.710	ng		98
90) Benzo(a)pyrene	15.36	252	491542	30.307	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	436136	31.066	ng		99
92) Benzo(g,h,i)perylene	17.32	276	408511	29.629	ng		99

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

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