Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
Data File : BM022766.D
Acq On : 25 Sep 2019 01:06
Operator : JU
Sample : K4980-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Manual Integrations APPROVED
mohammad
9/26/2019 8:25:49 AM

Quant Time: Sep 25 05:15:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	262342	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	1003780	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	571385	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	1039647	20.00	ng		0.00
76) Chrysene-d12	21.37	240	842117	20.00	ng		-0.01
87) Perylene-d12	23.64	264	1038511	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1597242	96.56	ng		0.00
7) Phenol-d6	6.99	99	2156136	101.49	ng		0.00
23) Nitrobenzene-d5	8.97	82	1210481	66.94	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	739327	103.65	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2826613	68.12	ng		0.00
79) Terphenyl-d14	19.82	244	3179563	73.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	172050	25.849	ng	#	100
3) Pyridine	3.72	79	428072	24.400	ng		100
4) n-Nitrosodimethylamine	3.62	42	209626	32.822	ng	#	96
6) Aniline	7.15	93	651888	25.589	ng		100
8) 2-Chlorophenol	7.39	128	621863	36.898	ng		99
9) Benzaldehyde	6.96	77	396522	32.778	ng		100
10) Phenol	7.02	94	762330	38.113	ng		99
11) bis(2-Chloroethyl)ether	7.25	93	547735	34.855	ng		99
12) 1,3-Dichlorobenzene	7.71	146	657629	32.648	ng		100
13) 1,4-Dichlorobenzene	7.86	146	673843	33.044	ng		100
14) 1,2-Dichlorobenzene	8.17	146	642559	33.051	ng		100
15) Benzyl Alcohol	8.06	79	490602	36.904	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	731566	32.047	ng		99
17) 2-Methylphenol	8.26	107	490048	37.015	ng		99
18) Hexachloroethane	8.90	117	240894	32.208	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	413597	34.861	ng		98
20) 3+4-Methylphenols	8.59	107	657487	37.285	ng		99
22) Acetophenone	8.64	105	834220	33.669	ng	#	99
24) Nitrobenzene	9.02	77	615908	35.599	ng		98
25) Isophorone	9.55	82	1116157	37.540	ng		99
26) 2-Nitrophenol	9.73	139	310971	41.635	ng		98
27) 2,4-Dimethylphenol	9.79	122	552942	44.221	ng		99
28) bis(2-Chloroethoxy)methane	10.02	93	734814	35.714	ng		99
29) 2,4-Dichlorophenol	10.26	162	563047	39.828	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	617041	35.476	ng		99
31) Naphthalene	10.66	128	1851677	37.334	ng		100
32) Benzoic acid	9.91	122	248324	30.471	ng		94
33) 4-Chloroaniline	10.76	127	377307	17.521	ng		99
34) Hexachlorobutadiene	10.96	225	363131	35.024	ng		99
35) Caprolactam	11.55	113	160990m	38.413	ng		
36) 4-Chloro-3-methylphenol	11.89	107	546263	39.606	ng		100
37) 2-Methylnaphthalene	12.27	142	1342560	38.888	ng		99
38) 1-Methylnaphthalene	12.50	142	1249534	38.130	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	678536	35.047	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
Data File : BM022766.D
Acq On : 25 Sep 2019 01:06
Operator : JU
Sample : K4980-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Manual Integrations APPROVED
mohammad
9/26/2019 8:25:49 AM

Quant Time: Sep 25 05:15:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	486970	46.099	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	438769	39.266	ng		99
44) 2,4,5-Trichlorophenol	12.96	196	467275	40.128	ng		98
46) 1,1'-Biphenyl	13.29	154	1636912	34.614	ng		99
47) 2-Chloronaphthalene	13.33	162	1253537	35.564	ng		99
48) 2-Nitroaniline	13.53	65	329902	35.944	ng		99
49) Acenaphthylene	14.17	152	2095584	40.149	ng		100
50) Dimethylphthalate	13.92	163	1803913	43.686	ng		99
51) 2,6-Dinitrotoluene	14.03	165	324428	37.561	ng		96
52) Acenaphthene	14.52	154	1196361	35.035	ng		100
53) 3-Nitroaniline	14.35	138	210821	21.202	ng		99
54) 2,4-Dinitrophenol	14.56	184	176228	41.335	ng		94
55) Dibenzofuran	14.85	168	1826181	36.632	ng		99
56) 4-Nitrophenol	14.66	139	573039	74.978	ng		97
57) 2,4-Dinitrotoluene	14.81	165	430533	38.048	ng		99
58) Fluorene	15.50	166	1509942	37.272	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	389953	38.398	ng		96
60) Diethylphthalate	15.28	149	1465899	36.510	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	749993	36.031	ng		99
62) 4-Nitroaniline	15.52	138	335549	32.187	ng		98
63) Azobenzene	15.79	77	1292224	35.639	ng		100
65) 4,6-Dinitro-2-methylphenol	15.57	198	142962	30.221	ng		96
66) n-Nitrosodiphenylamine	15.71	169	1286362	40.501	ng		99
67) 4-Bromophenyl-phenylether	16.39	248	456427	39.472	ng		99
68) Hexachlorobenzene	16.51	284	492097	36.492	ng		98
69) Atrazine	16.66	200	378366	36.646	ng		99
70) Pentachlorophenol	16.84	266	574323	79.860	ng		99
71) Phenanthrene	17.24	178	2418231	41.223	ng		100
72) Anthracene	17.33	178	2256996	39.698	ng		99
73) Carbazole	17.59	167	1905854	36.024	ng		99
74) Di-n-butylphthalate	18.16	149	2377073	39.625	ng		100
75) Fluoranthene	19.25	202	2498372	37.742	ng		98
77) Benzidine	19.43	184	1264824	54.749	ng		99
78) Pyrene	19.61	202	2715923	49.212	ng		99
80) Butylbenzylphthalate	20.51	149	913976	43.576	ng		99
81) Benzo(a)anthracene	21.36	228	2290315	41.963	ng		98
82) 3,3'-Dichlorobenzidine	21.29	252	713301	36.853	ng		100
83) Chrysene	21.41	228	2178220	41.166	ng		99
84) Bis(2-ethylhexyl)phthalate	21.29	149	1337343	43.033	ng		99
85) Di-n-octyl phthalate	22.17	149	2176369	43.940	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	2928223	46.366	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2411357	38.349	ng		100
89) Benzo(k)fluoranthene	23.00	252	2307787	36.990	ng		99
90) Benzo(a)pyrene	23.54	252	2449509	42.277	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	2339650	38.605	ng		98
92) Benzo(g,h,i)perylene	26.67	276	2474790	42.992	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092419\
Data File : BM022766.D
Acq On : 25 Sep 2019 01:06
Operator : JU
Sample : K4980-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 25 05:15:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SAND-STOCKPILE-1MSD

Manual Integrations APPROVED
mohammad
9/26/2019 8:25:49 AM