Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000057.D
Acq On : 04 Sep 2019 11:21
Operator : HP/JU
Sample : K4554-44MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:17 AM

Quant Time: Sep 04 14:26:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	490930	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1779867	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	946175	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1692529	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1345483	20.00	ng		0.00
87) Perylene-d12	15.63	264	1504614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	3745958	121.67	ng		0.01
7) Phenol-d6	6.52	99	4860235	125.05	ng		0.00
23) Nitrobenzene-d5	7.45	82	2664956	91.87	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	1105819	138.66	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	4821930	85.11	ng		0.00
79) Terphenyl-d14	13.04	244	5155674	83.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	508975	35.942	ng		98
3) Pyridine	3.49	79	1265915	33.180	ng		98
4) n-Nitrosodimethylamine	3.43	42	474332	38.502	ng		91
6) Aniline	6.56	93	1594162	28.342	ng		98
8) 2-Chlorophenol	6.68	128	1437955	45.171	ng		99
9) Benzaldehyde	6.44	77	937638	39.123	ng		97
10) Phenol	6.53	94	1943067	44.999	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	1442486	42.288	ng		99
12) 1,3-Dichlorobenzene	6.84	146	1564984	42.147	ng		98
13) 1,4-Dichlorobenzene	6.91	146	1578329	42.687	ng		99
14) 1,2-Dichlorobenzene	7.07	146	1479018	43.536	ng		98
15) Benzyl Alcohol	7.03	79	1224037	42.955	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1414159	38.552	ng		97
17) 2-Methylphenol	7.14	107	1206867	44.143	ng		98
18) Hexachloroethane	7.41	117	576520	42.040	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	913864	41.316	ng		97
20) 3+4-Methylphenols	7.29	107	1552090	45.519	ng	#	76
22) Acetophenone	7.30	105	2026401	47.532	ng		98
24) Nitrobenzene	7.47	77	1453627	46.258	ng		97
25) Isophorone	7.71	82	2727321	44.499	ng		98
26) 2-Nitrophenol	7.79	139	646782	52.852	ng		97
27) 2,4-Dimethylphenol	7.82	122	1271410	51.486	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	1802941	45.238	ng		99
29) 2,4-Dichlorophenol	8.03	162	1259245	49.591	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	1333645	46.070	ng		99
31) Naphthalene	8.20	128	3986263	48.814	ng		98
32) Benzoic acid	7.93	122	735155	45.052	ng		96
33) 4-Chloroaniline	8.24	127	461104	11.972	ng		95
34) Hexachlorobutadiene	8.32	225	749017	45.920	ng		99
35) Caprolactam	8.60	113	417381m	46.220	ng		
36) 4-Chloro-3-methylphenol	8.72	107	1324966	47.823	ng		97
37) 2-Methylnaphthalene	8.89	142	2811830	49.271	ng		100
38) 1-Methylnaphthalene	8.99	142	2587998	48.130	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1288710	48.120	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000057.D
Acq On : 04 Sep 2019 11:21
Operator : HP/JU
Sample : K4554-44MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:17 AM

Quant Time: Sep 04 14:26:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	1492018	101.180	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	873461	47.294	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	943732	48.838	ng		95
46) 1,1'-Biphenyl	9.36	154	3267333	48.915	ng		98
47) 2-Chloronaphthalene	9.38	162	2578412	46.502	ng		99
48) 2-Nitroaniline	9.47	65	651940	43.530	ng		87
49) Acenaphthylene	9.80	152	4021191	48.875	ng		99
50) Dimethylphthalate	9.66	163	3346657	51.905	ng		99
51) 2,6-Dinitrotoluene	9.72	165	685220	50.068	ng		94
52) Acenaphthene	9.97	154	2655498	51.437	ng		99
53) 3-Nitroaniline	9.88	138	381792	23.352	ng	#	88
54) 2,4-Dinitrophenol	9.99	184	503288	96.144	ng	#	37
55) Dibenzofuran	10.15	168	3603733	49.158	ng		96
56) 4-Nitrophenol	10.04	139	1190238	101.852	ng		87
57) 2,4-Dinitrotoluene	10.12	165	908639	52.006	ng	#	81
58) Fluorene	10.49	166	2716872	49.243	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	765797	52.340	ng		96
60) Diethylphthalate	10.36	149	2969618	46.013	ng		98
61) 4-Chlorophenyl-phenylether	10.49	204	1381518	48.175	ng		95
62) 4-Nitroaniline	10.50	138	711998	45.657	ng		98
63) Azobenzene	10.65	77	2865143	46.359	ng		94
65) 4,6-Dinitro-2-methylphenol	10.53	198	355660	53.541	ng		94
66) n-Nitrosodiphenylamine	10.60	169	2502403	49.765	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	845225	49.139	ng		94
68) Hexachlorobenzene	11.05	284	892142	47.602	ng	#	91
69) Atrazine	11.13	200	765498	59.682	ng		99
70) Pentachlorophenol	11.24	266	1063776	104.750	ng		99
71) Phenanthrene	11.46	178	4080036	48.365	ng		99
72) Anthracene	11.52	178	4138713	49.665	ng		99
73) Carbazole	11.66	167	3898210	49.559	ng		99
74) Di-n-butylphthalate	12.00	149	4581991	48.040	ng		98
75) Fluoranthene	12.66	202	4609105	50.278	ng		97
77) Benzidine	12.77	184	1945390	41.906	ng		97
78) Pyrene	12.89	202	4601341	46.486	ng		98
80) Butylbenzylphthalate	13.52	149	2094247	47.486	ng	#	88
81) Benzo(a)anthracene	14.09	228	4024735	46.162	ng		98
82) 3,3'-Dichlorobenzidine	14.05	252	1197322	37.225	ng		100
83) Chrysene	14.13	228	3912228	47.440	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	2754431	47.992	ng		98
85) Di-n-octyl phthalate	14.72	149	4871711	48.169	ng		97
86) Indeno(1,2,3-cd)pyrene	17.19	276	4983158	48.222	ng		98
88) Benzo(b)fluoranthene	15.17	252	4363534	47.479	ng		98
89) Benzo(k)fluoranthene	15.21	252	4071067	48.406	ng		99
90) Benzo(a)pyrene	15.56	252	4173476	50.306	ng		98
91) Dibenzo(a,h)anthracene	17.20	278	4032793	48.608	ng		99
92) Benzo(g,h,i)perylene	17.65	276	4070218	49.566	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000057.D
Acq On : 04 Sep 2019 11:21
Operator : HP/JU
Sample : K4554-44MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 04 14:26:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:17 AM