Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
Data File : BM027440.D
Acq On : 16 Sep 2020 13:33
Operator : JU/CG
Sample : PB131588BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB131588BS

Manual Integrations APPROVED
mohammad
9/18/2020 11:29:09 AM

Quant Time: Sep 16 14:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	88906	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	331902	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	244695	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	574059	20.00	ng		0.00
76) Chrysene-d12	21.14	240	671287	20.00	ng		0.00
86) Perylene-d12	23.31	264	655671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	538594	100.86	ng		0.00
7) Phenol-d6	6.75	99	658721	91.41	ng		0.00
23) Nitrobenzene-d5	8.70	82	552443	71.11	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	409793	95.51	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	1233132	67.02	ng		0.00
79) Terphenyl-d14	19.59	244	2379566	61.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	136644	60.013	ng		100
3) Pyridine	3.54	79	183530	27.748	ng		99
4) n-Nitrosodimethylamine	3.45	42	102167	39.139	ng	#	86
6) Aniline	6.89	93	280366	32.007	ng		96
8) 2-Chlorophenol	7.13	128	213853	39.338	ng		98
9) Benzaldehyde	6.70	77	162726	28.702	ng		98
10) Phenol	6.77	94	267716	38.661	ng		96
11) bis(2-Chloroethyl)ether	6.99	93	207173	35.552	ng		99
12) 1,3-Dichlorobenzene	7.45	146	245686	36.308	ng		98
13) 1,4-Dichlorobenzene	7.59	146	251242	36.927	ng		100
14) 1,2-Dichlorobenzene	7.90	146	240847	36.839	ng		99
15) Benzyl Alcohol	7.80	79	223675	36.117	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.08	45	147135	33.341	ng		98
17) 2-Methylphenol	8.00	107	178006	37.856	ng		98
18) Hexachloroethane	8.62	117	103314	37.893	ng		98
19) n-Nitroso-di-n-propylamine	8.36	70	193346	33.691	ng		98
20) 3+4-Methylphenols	8.33	107	229021	35.698	ng		96
22) Acetophenone	8.37	105	338643	36.243	ng	#	97
24) Nitrobenzene	8.74	77	300121	37.108	ng		98
25) Isophorone	9.27	82	473620	34.653	ng		98
26) 2-Nitrophenol	9.45	139	111917	37.278	ng		94
27) 2,4-Dimethylphenol	9.52	122	186397	36.353	ng		99
28) bis(2-Chloroethoxy)methane	9.75	93	275800	35.174	ng		100
29) 2,4-Dichlorophenol	9.98	162	227813	38.589	ng		99
30) 1,2,4-Trichlorobenzene	10.19	180	264714	37.554	ng		100
31) Naphthalene	10.37	128	649259	36.518	ng		99
32) Benzoic acid	9.66	122	98929	29.798	ng		91
33) 4-Chloroaniline	10.49	127	196463	26.028	ng		99
34) Hexachlorobutadiene	10.67	225	185366	38.916	ng		99
35) Caprolactam	11.29	113	56441m	32.486	ng		
36) 4-Chloro-3-methylphenol	11.62	107	230473	36.335	ng		97
37) 2-Methylnaphthalene	11.99	142	507314	36.416	ng		97
38) 1-Methylnaphthalene	12.22	142	485519	37.118	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	329813	37.439	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
Data File : BM027440.D
Acq On : 16 Sep 2020 13:33
Operator : JU/CG
Sample : PB131588BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Manual Integrations APPROVED
mohammad
9/18/2020 11:29:09 AM

Quant Time: Sep 16 14:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	453704	78.253 ng	99
43) 2,4,6-Trichlorophenol	12.62	196	201346	37.278 ng	98
44) 2,4,5-Trichlorophenol	12.69	196	219167	37.328 ng	98
46) 1,1'-Biphenyl	13.02	154	709261	36.624 ng	99
47) 2-Chloronaphthalene	13.06	162	564563	36.767 ng	100
48) 2-Nitroaniline	13.27	65	181051	38.560 ng	98
49) Acenaphthylene	13.92	152	874155	37.579 ng	100
50) Dimethylphthalate	13.66	163	731357	36.363 ng	100
51) 2,6-Dinitrotoluene	13.77	165	157857	36.846 ng	95
52) Acenaphthene	14.26	154	536105	37.148 ng	98
53) 3-Nitroaniline	14.10	138	102433	25.548 ng	95
54) 2,4-Dinitrophenol	14.32	184	165869	59.763 ng	97
55) Dibenzofuran	14.60	168	923542	37.832 ng	99
56) 4-Nitrophenol	14.43	139	246642	72.780 ng	93
57) 2,4-Dinitrotoluene	14.57	165	228046	38.413 ng	96
58) Fluorene	15.25	166	769370	37.547 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.83	232	225976	39.813 ng	99
60) Diethylphthalate	15.04	149	772744	37.354 ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	423562	37.627 ng	99
62) 4-Nitroaniline	15.27	138	146152	33.091 ng	92
63) Azobenzene	15.54	77	849651	39.709 ng	98
65) 4,6-Dinitro-2-methylphenol	15.34	198	119963	32.562 ng	96
66) n-Nitrosodiphenylamine	15.47	169	676088	38.073 ng	99
67) 4-Bromophenyl-phenylether	16.14	248	273156	38.540 ng	97
68) Hexachlorobenzene	16.26	284	317044	38.321 ng	98
69) Atrazine	16.43	200	225958	43.501 ng	97
70) Pentachlorophenol	16.60	266	383500	76.652 ng	99
71) Phenanthrene	16.99	178	1280867	38.372 ng	100
72) Anthracene	17.07	178	1307020	38.796 ng	99
73) Carbazole	17.34	167	1126281	38.297 ng	100
74) Di-n-butylphthalate	17.93	149	1359397	38.426 ng	99
75) Fluoranthene	19.01	202	1569958	38.771 ng	100
77) Benzidine	19.20	184	784427	38.384 ng	99
78) Pyrene	19.37	202	1663070	36.327 ng	100
80) Butylbenzylphthalate	20.30	149	650120	34.581 ng	96
81) Benzo(a)anthracene	21.13	228	1737450	38.767 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	538220	29.739 ng	99
83) Chrysene	21.19	228	1699271	39.015 ng	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	984853	39.605 ng	97
85) Di-n-octyl phthalate	21.95	149	1670821	40.367 ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	2123677	47.764 ng	99
88) Benzo(b)fluoranthene	22.67	252	1796277	39.385 ng	99
89) Benzo(k)fluoranthene	22.71	252	1794631	40.702 ng	100
90) Benzo(a)pyrene	23.22	252	1614659	41.860 ng	100
91) Dibenzo(a,h)anthracene	25.48	278	1793952	47.768 ng	99
92) Benzo(g,h,i)perylene	26.12	276	1808216	49.962 ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
Data File : BM027440.D
Acq On : 16 Sep 2020 13:33
Operator : JU/CG
Sample : PB131588BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 14:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Manual Integrations APPROVED
mohammad
9/18/2020 11:29:09 AM